POLY-FIBER AIRCRAFT COATINGS

AIRCRAFT SPRUCE - WORLD'S LARGEST DISTRIBUTOR OF POLY-FIBER PRODUCTS

This FAA approved process utilizing Poly-Fiber Dacron polyester and the unique "Poly" line of finishes assures a beautiful, durable, weather-resistant cover job every time. Documented time tested results by the professionals. The Poly-Fiber Covering Process was issued Supplemental Type Certificate No. SA-1008-WE in 1965 and this number will apply to all aircraft.

Note: Formerly known as Stits covering process. Only Poly-Fiber materials may be used through the topcoat paint to comply with STC requirements. Poly-Fiber finishes are required for approved Poly-Fiber is approved for use on most certified aircraft. To be sure, check the Master Eligibility List in the latest revision of Poly-Fiber Procedure Manual No. 1.

POLY-FIBER FABRIC

UNCERTIFIED LIGHT
1.87 oz/sq. yard. Lightweight fabric recommended for covering ultralight aircraft. This fabric will be unmarked. It is not approved for certified aircraft except on plywood surface. 72" Width. P/N 09-02001.............. $18.40 /Lineal Yd.

MEDIUM WEIGHT
2.79 oz/sq. yard. Standard fabric recommended for normal service on all types of aircraft regardless of speed, wing loading or horsepower. 73" x63". P/N 09-01600.............. $11.95 /Lineal Yd.

HEAVY DUTY
3.40 oz/sq. yard. Recommended for severe operating conditions and very high wing loading aircraft where a very tough, durable, low elongation, high tension fabric is required and weight is not critical. Great for agricultural, aerobatic and bush planes. 72" Width. P/N 09-01700............. $13.30 /Lineal Yd.

POLYESTER PADDING
Non-woven, 45" wide, 3 oz. per yard. Used under fabric on wing leading edge and turtle deck to smooth rough surfaces.

POLY-FIBER POLYESTER FINISHING TAPES

Part No. Style # Roll Width Roll Length Price.
09-02200 Med. 1" 25 yds. $16.05
09-02400 Med. 1-1/2" 25 yds. $17.65
09-02450 Med. 2" 25 yds. $19.20
09-02500 Med. 2" 50 yds. $30.20
09-02900 Med. 3" 25 yds. $27.80
09-03300 Med. 4" 25 yds. $32.40
09-03550 Med. 6" 25 yds. $45.00
09-03700 Light 1" 25 yds. $16.65
09-03750 Light 1-1/2" 25 yds. $18.25
09-02705 Light 2" 25 yds. $22.20
09-02700 Light 2" 50 yds. $30.20
09-03100 Light 3" 25 yds. $27.80
09-03200 Light 3" 50 yds. $42.40
09-03545 Light 4" 25 yds. $32.40
09-03565 Light 4" 50 yds. $64.80
09-03570 Bias 2" 25 yds. $32.45
09-03580 Bias 4" 25 yds. $57.35

POLY-FIBER TAPES, CORD & THREAD

Reinforcing Tape

Item P/N Yds. Spool Price.
1/4" Wide 09-03500 60 $55.00
3/8" Wide 09-03600 60 $56.60
1/2" Wide 09-03700 60 $57.95
Rib Lacing Cord

(Std. Round) 09-03800 296 $45.25
Rib Cord, Flat 09-03810 500 $45.25
Sewing Thread

Machine 09-03900 500 $55.25
Hand 09-04000 250 $11.75

HEAVY INTER-RIB BRACING TAPE
Non-adhesive polyester twill tape for inter-rib bracing. Twice as strong as cotton tape. 36 yd. rolls. 1/2" Wide. P/N 09-40912............. $16.70

AIRCRAFT FABRIC COVERING

Aircraft Fabric Covering is a must for anyone who wants to cover their own airplane. This 2-hour comprehensive DVD presents every aspect of the Poly-Fiber® fabric covering process in detail, and in easy-to-understand language. From preparing the airplane for covering to sprayings on the colors, you are guided step by step through the entire process by a professional EAA SportAir fabric instructor. When used in conjunction with the Poly-Fiber manual, Aircraft Fabric Covering removes the mystery surrounding this important process in the construction or restoration of your airplane. Information included: - Preparation includes: - Attaching the fabric - Tightening the fabric - Applying the first coat of Poly-Brush® - Tying rib-lacing knots - Applying finishing tapes - Spraying UV-blocking chemical - Poly-Spray® - Applying the color coats. DVD.............. P/N 13-40428.................. $39.95

THE POLY-FIBER PRACTICE KIT

If you’re thinking of building a fabric-covered airplane but are wondering what the covering process is like, this is the perfect answer. You get a practice frame, fabric, tapes, needles, rib lacing cord, thermometer, instructions, and all the coatings you need to work through the Poly-Spray stage. There’s enough of everything to do the entire process twice. You’ll see how easy and enjoyable fabric covering really is.

P/N 09-06220.............. $50.00

‘HOW TO COVER AN AIRCRAFT USING THE POLYFIBER SYSTEM’

The Official Poly-Fiber how-to manual. It’s a whole covering course in a book. A spiral-bound classroom, as the ads say. 151 pages of clear, non-jargon, step-by-step instruction, the entire Poly-Fiber system, from basic materials to blue ribbon. In plain language & has a sense of humor all its own. Entire Poly-Fiber catalog of products is included.

P/N 09-00600................. $10.00

Poly-Fiber Color Card #50 .... P/N 09-00234 ..............FREE

POLY-FIBER SOLVENTS & CLEANERS

METL-SOL C-2200 METAL SURFACE CLEANER
A strong solvent blend formulated to remove oil, silicone, wax and other contaminants from all metal surfaces before priming. Not for painted surfaces.

Qt. P/N 09-40710 .............. $18.90
Gal. 09-40720 ................ $60.70

C-2210 PAINT SURFACE CLEANER
A mild solvent blend formulated to remove oil, silicone, wax and other contaminants from all painted or primed surfaces. Also removes tape gum from painted surfaces and acrylic windscreen materials.

Qt. P/N 09-40810 .............. $11.95
Gal. 09-40820 ................ $45.00

310 ALKALINE DETERGENT CLEANER
Highly recommended as an alkaline metal cleaner for removing greases and oils. Also a very good cleaner for interior cabins and vinyl upholstery, as well as a wide variety of household applications to remove waxes, dirt, and stains. Furnished as a concentrate for 32:1 dilution with water. Lemon scented and not harmful to your hands.

Qt. P/N 310-QT................. $11.80
Gal.. 09-310-1G ............... $32.10

POLY-FIBER MEK
Solvent used to remove coatings for repairs, for clean up, and to release cemented seams. NOT used to thin or reduce any products.

Qt. P/N 09-40835 .............. $14.30
Gallon 09-40845 ............ $41.25

POLY-FIBER SOLVENTS & CLEANERS

CONTROLLED SYSTEMS

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice
**POLY-FLYER AIRCRAFT COATINGS**

**POLY-BRUSH**
A pink translucent, 1 part air drying resin used for the first 2 or 3 coats to penetrate and seal the fabric weave and assure good adhesion. Also used to attach the finishing tapes and reinforcing patches. Brush on initial coat thinned 3:1 with reducer. Subsequent coats are thinned 3:1 with reducer. Mix with Poly-Tone Reducer E-500 (Reduce 50%), Quart or Gallon.

- Quart: P/N 09-04100 $25.55
- Gallon: P/N 09-04200 $85.00
- 5 Gal.: P/N 09-04300 $420.00

**POLY-SPRAY**
A high-solids aluminum-pigmented, 1 part, air drying resin used after the Poly-Brush preliminary coating to protect fabric from UV and prepare for a smooth finish. Thin 4:1.

- Poly-Spray (Qt.): P/N 09-04400 $25.20
- Poly-Spray (Gal.): P/N 09-04500 $83.60
- Poly-Spray (5 Gal.): P/N 09-04600 $413.10

**POLY-FIBER REDUCERS**
A blend of solvents used for viscosity and drying control of Poly-Brush, Poly-Spray and Poly-Tone. Blend RR-65-75 is recommended as the standard reducer in normal weather, 65°–75°F. RR-8500 is a retarder-reducer with slower drying time. Recommended for temp above 85°F & warm humid weather.

- Quart: P/N 09-04700 $15.20
- Gallon: P/N 09-04750 $15.40
- 5 Gal.: P/N 09-04850 $230.70
- 5 Gal.: P/N 09-04950 $230.90

**POLY-FIBER RETARDER**
This blended solvent improves flow-out and prevents blushing under high temperature or high humidity conditions. Improves gloss.

- BR-8600 (Qt.): P/N 09-04830 $14.00
- BR-8600 (Gal.): P/N 09-04840 $49.00

**POLY-TAK CEMENT**
Excellent cement for all types of fabrics. Shelf life unopened is 2 years.

- Pint: P/N 09-05110 $14.40
- Quart: P/N 09-05000 $27.25
- Gallon: P/N 09-05100 $95.80

**POLY-TONE® FINISH**
A durable semi-gloss, 1-part, air drying flexible paint available in over 50 popular aircraft colors. Recommended as the standard finish for the Poly-Fiber cover process. Also may be used over suitably primed metal components of fabric covered aircraft. Fabric damage is more easily repaired when Poly-Tone finish is used. All pigments are non-bleeding or fading. Will not oxidize with age. Poly-Tone is always thinned to 4 to 1 with Poly-Fiber Reducer (65-75 or 8500).

**POLY-TONE FINISHES**

<table>
<thead>
<tr>
<th>Color</th>
<th>QUART</th>
<th>GALLON</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Whites:</td>
<td>$24.50</td>
<td>$88.80</td>
</tr>
<tr>
<td>Insignia White (#105)</td>
<td>$26.50</td>
<td>$98.75</td>
</tr>
<tr>
<td>Jumeau White (#110)</td>
<td>$24.50</td>
<td>$89.50</td>
</tr>
<tr>
<td>Glacier White (#117)</td>
<td>$24.50</td>
<td>$89.50</td>
</tr>
<tr>
<td>Daytona White (#120)</td>
<td>$24.50</td>
<td>$89.50</td>
</tr>
<tr>
<td>All other colors (Color Card #50)</td>
<td>$24.50</td>
<td>$89.50</td>
</tr>
</tbody>
</table>

**TO ORDER POLYTONE:**
Create the part number for the Polytone you require: Color-PQ (for Quart) or Color-PG (for Gallon)

Example: 100-PQ is 1 Quart of Color #100

**POLY-TONE U.V. BLOCKING**
Used for additional UV Protection in ultralight airplanes. 1 fl. oz. blocks 1 Quart Polytone.

- 1/2 Pint Blocker (8 fluid oz): P/N 09-02053 $23.75

**POLY-TONE REJUVENATOR**

- Quart: P/N 09-05200 $24.50
- Gallon: P/N 09-05300 $80.50

**STITS EPOXY PRIMER (GREEN) EP-420/EP-430**
This green primer is fast drying, corrosion inhibiting, and has application and curing qualities down to 35°F. It is a heavy duty chemical and solvent resistant amine cured primer. Mixing ratio is 2 parts base, 1 part catalyst. Order in kits.

| Quart Kit (Yields 2 1/2 quarts) | P/N 09-00352 $74.60 |
| Gallon Kit (Yields 2 1/2 Gallons) | P/N 09-00353 $298.00 |

**STITS EPOXY PRIMER (WHITE) EP-420/EP-430**
This white heavy duty chemical and solvent resistant amine cured primer, the excellent primer from Stits is fast drying and corrosion inhibiting. It can be applied and cured to temperatures down to 35°F. Mixing ratio is 2 parts base, 1 part catalyst.

| Quart Kit (Yields 2 1/2 quarts) | P/N 09-00285 $75.00 |
| Gallon Kit (Yields 2 1/2 Gallons) | P/N 09-00315 $298.00 |

**STITS EPOXY VARNISH EV-400/EV-410**
An excellent clear gloss epoxy varnish for interior and exterior use. It provides superior weather durability and excellent chemical and solvent resistance. Can be used over a one component varnish primer if desired. Mixing ratio is 2 parts base, 1 part catalyst. Can be ordered as a kit which includes base, catalyst and reducer, or each component separately.

| Quart Kit (Yields 2-1/2 quarts) | P/N 09-00349 $65.35 |
| Gallon Kit (Yields 2-1/2 Gallons) | P/N 09-00350 $217.80 |

**EPOXY ACCELERATOR EX-501**
A chemical curing accelerator for use in EP-420 Epoxy Primer and EV-400 Epoxy Varnish according to directions on base component listing. Reduces polymerization time, not solvent evaporation. 1/2 Pint: P/N 09-04650 $12.00

**POLY-FIBER ES O ENGINE STORAGE OIL**
A fine lubrication and preservative oil used to prevent corrosion in internal combustion engines during extended storage. MIL-21260.

| Quart | P/N 09-42450 $24.00 |
| Gallon | P/N 09-42455 $89.00 |

**POLY-FIBER 60”X 48” FINE MESH PAINT STRAINER CONES**
Poly-Fiber 60x48 filter mesh paint strainer cone.

| P/N 09-02115 | $0.70 |

**IMPORTANT NOTICE:**
ALL mixed paints are special order and are non-returnable.
POLY-FIBER AEROTHANE

A tough, flexible, high-gloss two part polyurethane especially formulated for fabric covered aircraft and marine surfaces subject to flexing loads. Recommended as a premium quality fabric finish over Stits Poly-Fiber covered aircraft. Wet look, high gloss. Aerothane requires catalyst, which is sold separately, and will be offered to you at the time of purchase.

If you currently have an adequate supply please notify a sales rep or note it on your online order. Aerothane additives are also sold separately, but must be requested as needed.

AEROTHANE (All Paint 3/4 filled cans)

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart</td>
<td>Insignia White</td>
<td>105-AQ</td>
<td>$39.80</td>
</tr>
<tr>
<td>Gallon</td>
<td>Insignia White</td>
<td>110-AQ</td>
<td>$34.60</td>
</tr>
<tr>
<td>Quart</td>
<td>Juneau White</td>
<td>105-AQ</td>
<td>$130.10</td>
</tr>
<tr>
<td>Gallon</td>
<td>Juneau White</td>
<td>110-AQ</td>
<td>$113.15</td>
</tr>
<tr>
<td>Quart</td>
<td>Glacier White</td>
<td>117-AQ</td>
<td>$34.60</td>
</tr>
<tr>
<td>Gallon</td>
<td>Glacier White</td>
<td>117-AQ</td>
<td>$113.15</td>
</tr>
<tr>
<td>Quart</td>
<td>Daytonite White</td>
<td>120-AQ</td>
<td>$34.60</td>
</tr>
<tr>
<td>Gallon</td>
<td>Daytonite White</td>
<td>120-AQ</td>
<td>$113.15</td>
</tr>
</tbody>
</table>

CLEAR AEROTHANE AO-100 (All paints 3/4 filled cans)

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4 Quart Paint</td>
<td>Clear</td>
<td>AO-100-QT</td>
<td>$44.50</td>
</tr>
<tr>
<td>3/4 Gallon Paint</td>
<td>Clear</td>
<td>AO-100-1G</td>
<td>$151.00</td>
</tr>
</tbody>
</table>

POLY-TONE/AEROTHANE ENAMEL FLATTENER

Used to make Aerothane and Enamel match the semi gloss finish of Polytone, or to make either Aerothane, Polytone and Enamel Full Military Flat.

Use 1 Pint, to flatten 1 Quart………………P/N 09-02052………………$22.55
Use 1 Qt. & 1 Pint, to flatten 1 Gallon……P/N 09-02051………………$43.15

CALIBRATION THERMOMETER

Thermometer is accurate from 100°F to 400°F / 50°C to 200°C. Easy-to-read dial. Adjustable pan clip. Durable stainless steel.

P/N 09-37475………………$14.40

BLACK BARON FABRIC IRON

The Black Baron Iron was designed specifically for use on small aircraft. The exclusive "roll bars" fit into fillets and undercambers. The flat sole is for sheeted and open structures, and its beveled edges provide constant pressure right up to 40°, causing surface bubbles. Get the best – get Black Baron.

110V………………P/N 09-37411………………$24.50

HOBBICO CUSTOM SEALING FABRIC IRON

For large or small area coverage. Exclusive thermostat control, with built-in on/off switch. Non-stick coating prevents scratching. Shaped wooden handle for comfort and safety. Includes metal safety stand. 5.5 AC Power Cord. Shoe design includes rounded, tapered side wings to prevent gouging and make faster work of fillets, plus flat sole for solid surfaces and a tapered tip for hard-to-reach areas.

110V………………P/N 09-37400………………$27.75
220V………………P/N 09-37401………………$48.85

BLACK & DECKER THE CLASSIC IRON


IRON KIT

Includes: 09-37400: Hobbsco Fabric Iron 110V or 09-37875: 360 degree Fabric Iron 09-37450: Silicone Heat Sink Compound 1oz Syringe 09-37475: Poly-Fiber Calibration Thermometer P/N 09-37420………………$125.95

SILICONE HEAT SINK COMPOUND

For more accurate thermal transfer during iron calibration. 1 oz Syringe P/N 09-37450………………$15.80

POLY-FIBER COLORS AVAILABLE

Each color group in chart below is listed from light to darker shades. Free Poly-Fiber color chart available on request. Color Code #50.

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>PURPLE</td>
<td>360</td>
<td>Eagle Purple</td>
</tr>
<tr>
<td>WHITE</td>
<td>105</td>
<td>Insignia White</td>
</tr>
<tr>
<td>106</td>
<td>Insignia White</td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>Juneau White</td>
<td></td>
</tr>
<tr>
<td>117</td>
<td>Glacier White (Federal 17038)</td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>Daytonite White</td>
<td></td>
</tr>
<tr>
<td>132</td>
<td>Sun Valley Ivory</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>Tucson Cream</td>
<td></td>
</tr>
<tr>
<td>131</td>
<td>Diana Cream</td>
<td></td>
</tr>
<tr>
<td>242</td>
<td>Ag Cat Yellow</td>
<td></td>
</tr>
<tr>
<td>136</td>
<td>Lemon Yellow</td>
<td></td>
</tr>
<tr>
<td>139</td>
<td>Federal Yellow</td>
<td></td>
</tr>
<tr>
<td>145</td>
<td>Lockhaven Yellow</td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>Champion Yellow</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>Orange Yellow (Schweizer Yellow)</td>
<td></td>
</tr>
<tr>
<td>143</td>
<td>Cub Yellow</td>
<td></td>
</tr>
<tr>
<td>146</td>
<td>J3 OEM Yellow</td>
<td></td>
</tr>
<tr>
<td>142A</td>
<td>Eagle Yellow (Orange)</td>
<td></td>
</tr>
<tr>
<td>182</td>
<td>Pumpkin Orange</td>
<td></td>
</tr>
<tr>
<td>183</td>
<td>International Orange</td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>Cruiser Orange</td>
<td></td>
</tr>
<tr>
<td>189</td>
<td>Madrid Red</td>
<td></td>
</tr>
<tr>
<td>187</td>
<td>Eagle Red</td>
<td></td>
</tr>
<tr>
<td>191</td>
<td>Pontiac Red (Toreador Red)</td>
<td></td>
</tr>
<tr>
<td>190</td>
<td>Tennessee Red (Federal 11136) (Insignia Red)</td>
<td></td>
</tr>
<tr>
<td>195</td>
<td>Santa Fe Red (Maroon)</td>
<td></td>
</tr>
<tr>
<td>196</td>
<td>Boston Maroon</td>
<td></td>
</tr>
<tr>
<td>197</td>
<td>Stinson Maroon</td>
<td></td>
</tr>
</tbody>
</table>

TO ORDER AEROTHANE:

Create the part number for the Aerothane you require: Color-A-100-A-Q-K is 1 quart of color #100 with catalyst included.

TO ORDER POLY-FIBER COLORS:

Simply specify Poly-Fiber color number from chart above, either PolyTone or Aerotherane, and quart or gallon.

IMPORTANT NOTICE: Poly-Fiber and Randolph Coatings are now manufactured by Consolidated Coatings Co.and current colors do NOT match original Randolph colors. If matching an old color is required, please match it to a current color card or send in a sample of old color for custom matching.

ALL mixed paints are special order and are non-returnable.
POLY-FIBER MARK II FOR METAL (NOT FOR USE ON FABRIC) - Use Mark II for Metal is available in the same 50 colors as Poly-Fiber Poly-Tone and Randolph Colored Butyrate Dope. Mark II is used over primed metal or composite parts and is too brittle to be used over fabric. Mark II is a tough, long-lasting topcoat paint. Although Mark II is a two-part catalyzed paint, it is not catalyzed with an isocyanate, thus normal safety equipment is not required. You do not have to use a supplied air respirator when spraying Mark II. Packaging: Mark II comes in three-part kits: part one is a can of the colored paint; part two is a metallic base for tinting; and part three is a thinner to be used to prevent orange peel.

**Color**
- Clear Base for Tinting (Available in Quart and Gallon)
- Metallic Base for Tinting (Available in Quart and Gallon)
- 105 Insignia White (Available in Quart and Gallon)
- 110 Juneau White (Available in Quart and Gallon)
- 117 Glacier White (Available in Quart and Gallon)
- 120 Dayton White (Available in Quart and Gallon)
- 125 Tucson Cream (Available in Quart and Gallon)
- 131 Diana Cream (Available in Quart and Gallon)
- 132 Sun Valley Ivory (Available in Quart and Gallon)
- 136 Lemon Yellow (Available in Quart and Gallon)
- 139 Federal Yellow (Available in Quart and Gallon)
- 140 Orange Yellow (Available in Quart and Gallon)
- 142A C. Eagle Yellow/Orange (Available in Quart and Gallon)
- 143 Club Yellow (Available in Quart and Gallon)
- 145 Lockhavven Yellow (Available in Quart and Gallon)
- 146 J3 OEM Yellow (Available in Quart and Gallon)
- 151 Everglades Green (Available in Quart and Gallon)
- 156 Portland Green (Available in Quart and Gallon)
- 157 Cuby Sport Trainer Green (Available in Quart and Gallon)
- 160 Forest Green (Available in Quart and Gallon)
- 165 Lakeland Blue (Available in Quart and Gallon)
- 170 Bahama Blue (Available in Quart and Gallon)
- 173 AN (True) Blue (Available in Quart and Gallon)
- 176 Insigina Blue (Available in Quart and Gallon)
- 177 Christen Eagle Blue (Available in Quart and Gallon)
- 180 Cruiser Orange (Available in Quart and Gallon)
- 182 Pumpkin Orange (Available in Quart and Gallon)
- 183 International Orange (Available in Quart and Gallon)
- 187 Christen Eagle Red (Available in Quart and Gallon)
- 189 Madrid Red (Available in Quart and Gallon)
- 190 Tennesse Red (Available in Quart and Gallon)
- 191 Pontiac Red (Available in Quart and Gallon)
- 195 Santa Fe Red (Available in Quart and Gallon)
- 196 Boston Maroon (Available in Quart and Gallon)
- 197 Stinson Maroon (Available in Quart and Gallon)
- 203 Elsinore Brown (Available in Quart and Gallon)
- 205 Bermuda Tan (Available in Quart and Gallon)
- 208 Olive Drab (Available in Quart and Gallon)
- 208A Federal Green (Available in Quart and Gallon)
- 210 Polar Grey (Available in Quart and Gallon)
- 212 Oak Green (Available in Quart and Gallon)
- 213 AG Cat Grey (Available in Quart and Gallon)
- 213A Federal Grey (Available in Quart and Gallon)
- 215 Dakota Black (Available in Quart and Gallon)
- 219 Jasper Grey (Available in Quart and Gallon)
- 220M Nevada Silver (Available in Quart and Gallon)
- 222M Rancho Silver (Available in Quart and Gallon)
- 240 Champion Yellow (Available in Quart and Gallon)
- 242 AG Cat Yellow (Available in Quart and Gallon)
- 301M Reno Gold (Available in Quart and Gallon)
- 318M Piper Trainer Blue (Available in Quart and Gallon)
- 361 Christen Eagle Purple (Available in Quart and Gallon)

**Prices Subject to Change Without Notice**

---

**POLY-FIBER REPAIR KIT**

Includes:
- 1” Dope Brush
- 1 Pint Poly-Tak
- 1 Quart Poly-Tak
- 1 Quart Poly-Spray
- 1 Quart Poly-Brush
- (Specify 65-75 or 8500) 1 Yard Super Seam Fabric Cement
- 4 Sheets #400 Sandpaper
- 1“ 3” Curved Needle
- 10 Feet 2” Surface Tape
- 1 Yard Stits Hand Sewing Thread
- 1 Yard C102 Straight Tape 2”

With #65-75 Reducer P/N 09-06210 $93.75
With #8500 Reducer P/N 09-06215 $93.75

---

**CECONITE FABRIC REPAIR KIT**

**COATING**
- 1 quart Rand O- Fill G6303 5 Yards
- 2” C102 Straight Tape
- 1” Dope Brush
- 1” Brush
- 1 quart Nitrate Thinner

**METAL**
- 1 quart Ceconite 101 (3.4) 1 yard
- 1 quart Ceconite 102 (2.6oz) 2 quarts
- 1 quart Super Seam Fabric Cement 6 yard
- 1 quart G-6302 N/T Nitrate Dope Grain 250
- 1 Ceconite Hand Thread

**FABRIC COVERING TOOL KIT**

This kit includes the items most commonly needed to complete your Poly-Fiber covering project.

Includes:
- 4 - 1” Disposable Brushes, 3” Disposable Brushes, 4 - 2” opening 6” long Spring Clamps, 1 - CB-9 Pinking Shears, 10 - 1/2” Glue/Acid Brushes, 1 - Black & Decker Classic Iron, 1 Hoblbock Fabric iron 110V, 1 - Silicone heat sink compound, 1 - Thermometer, 1 - 12” Straight Needle, 1 - 12” Curved Tip Needle, 1 - 6” Curved Needle, 2 - Gallon Paint Saver Lids, 1 - V-pole 330 series mask only, 1 - X-pole P100 Combo carc bag

---

**POLY FIBER COVERING KIT**

The Poly Fiber Covering Kit includes all of the materials generally required to recover a wide variety of small aircraft (see list below) except the fabric and topcoat. Poly-Fiber offers both Polytone and Aerothane topcoats in many colors. When you order this Covering Kit, you can also order the pressen fabric envelope or fabric yardage you will need to cover the aircraft. We are the best choice for your covering materials requirements. Count on Poly Fiber’s largest distributor, Aircraft Spruce!

**Note:** This kit is for aircraft requiring about 45 yards of fabric. Quantity required vary by aircraft. Verify quantity shown are correct for your aircraft before ordering.

P/N 09-02046 $2,580.00

**POLY-FIBER MARK II MIXING LIQUID**

Mixing liquid is a combination of catalyst and thinner to be used only with Mark II for Metal paint. Included in Mark II kits above, but also available separately. See directions for mixing, thinning, and application above. Shelf life is two years in unopened package.

Quart P/N 09-03695 $14.15
Gallon P/N 09-03696 $49.50

**POLY-FIBER MARK II THINNER**

Used to thin Mark II for Metal paint after it has been combined with Mark II mixing liquid. Included in Mark II kits above, but also available separately. Thinning is generally unnecessary when Mark II is sprayed. However, if orange peel results, you may use Mark II Thinner with 5 parts mixed Mark II paint.

Shelf life is four years in unopened storage.

Quart P/N 09-03697 $9.00
Gallon P/N 09-03698 $14.00
Gallon P/N 09-03699 $53.00
<table>
<thead>
<tr>
<th>Aircraft</th>
<th>Part No.</th>
<th>Wing (10)</th>
<th>Fuselage (20)</th>
<th>Aileron (30)</th>
<th>Stabilizer (40)</th>
<th>Elevator (50)</th>
<th>Flap (60)</th>
<th>Rudder (70)</th>
<th>Complete (80)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rearwin Sportster 09-721</td>
<td>$657.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Culver Cadet 09-708</td>
<td>$399.95</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cessna Airmaster</td>
<td>$1,052.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piper J3-PA 19-150</td>
<td>$1,195.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. American AT6/AN</td>
<td>$1,488.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N. American P51</td>
<td>$2,484.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stinson AT19/V77</td>
<td>$3,136.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stinson 10A/10S/HW75</td>
<td>$3,136.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taylorcraft</td>
<td>$3,408.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Waco UP77</td>
<td>$5,670.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>U-1 Interco</td>
<td>$1,798.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kitfox 09-694</td>
<td>$2,313.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Acro Sport I</td>
<td>$3,123.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Piper PA-18</td>
<td>$1,967.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bowers Fly Baby</td>
<td>$1,522.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Christen Eagle II &amp; 17</td>
<td>$2,686.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corbin Baby Ace</td>
<td>$2,686.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Koff F-285</td>
<td>$2,686.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pitts S1S/S2A</td>
<td>$2,686.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Smith Miniplane</td>
<td>$2,686.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Taylorcraft</td>
<td>$2,686.00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PLEASE ORDER BY PART NUMBER** - Basic part numbers (09-XXX) are shown in the chart. Complete the part number with 10 for wing, 20 for fuselage, 30 for aileron, 40 for stabilizer, 50 for elevator, 60 for flap, 70 for rudder, or 80 for complete set. After the P/N, add -1 for Heavy Duty 3.4 oz Polyfibre Fabric, -3 for Medium Weight 2.0 oz Polyfibre Fabric, -5 for Complete 101 fabric, or -6 for Concoite 102 fabric. Prices vary based on fabric selected. Example: Complete part number for a Stinson 108-1 complete set in Concoite 102 fabric would be 09-67380-6.

All pre-sewn envelopes are non-cancelable, non-returnable special order items.

**COMPLETE SETS**

<table>
<thead>
<tr>
<th>Antiques</th>
<th>Part #</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kitfox 09-694</td>
<td>$2,313.00</td>
<td></td>
</tr>
<tr>
<td>Acro Sport I</td>
<td>$3,123.00</td>
<td></td>
</tr>
<tr>
<td>Piper PA-18</td>
<td>$1,967.00</td>
<td></td>
</tr>
<tr>
<td>Bowers Fly Baby</td>
<td>$1,522.00</td>
<td></td>
</tr>
<tr>
<td>Christen Eagle II &amp; 17</td>
<td>$2,686.00</td>
<td></td>
</tr>
<tr>
<td>Corbin Baby Ace</td>
<td>$2,686.00</td>
<td></td>
</tr>
<tr>
<td>Koff F-285</td>
<td>$2,686.00</td>
<td></td>
</tr>
<tr>
<td>Pitts S1S/S2A</td>
<td>$2,686.00</td>
<td></td>
</tr>
<tr>
<td>Smith Miniplane</td>
<td>$2,686.00</td>
<td></td>
</tr>
<tr>
<td>Taylorcraft</td>
<td>$2,686.00</td>
<td></td>
</tr>
</tbody>
</table>

**Prices Subject to Change Without Notice**
<table>
<thead>
<tr>
<th>Model</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teratorn Aircraft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tierra 2-Place Sail (excludes cabin enclosure)</td>
<td>09-01780</td>
<td>$1,845.00</td>
</tr>
<tr>
<td>Tierra Complete Sail Set</td>
<td>09-01781</td>
<td>$1,856.00</td>
</tr>
<tr>
<td>Tierra Wing Surface Set</td>
<td>09-01782</td>
<td>$1,372.00</td>
</tr>
<tr>
<td>T/A Complete Sail Set</td>
<td>09-01783</td>
<td>$1,198.00</td>
</tr>
<tr>
<td>T/A Wing Surface Set</td>
<td>09-01784</td>
<td>$1,031.00</td>
</tr>
<tr>
<td>Teratorn W/S Complete Sail Set</td>
<td>09-01785</td>
<td>$835.00</td>
</tr>
<tr>
<td>T/A Rudder Surface Set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elevator Surface Set</td>
<td>09-01787</td>
<td>$155.95</td>
</tr>
<tr>
<td>Tierra Horizontal Stabilizer</td>
<td>09-01788</td>
<td>$194.95</td>
</tr>
<tr>
<td>T/A Horizontal Stabilizer</td>
<td>02-01791</td>
<td>$95.00</td>
</tr>
<tr>
<td>Tierra Vertical Stabilizer</td>
<td>02-01792</td>
<td>$95.00</td>
</tr>
<tr>
<td>T/A and Tierra Rudder</td>
<td>02-01793</td>
<td>$122.95</td>
</tr>
<tr>
<td>Star Flight Aircraft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TX 1000 and 2000 Complete Sail Sets</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Upper Vertical Stabilizer</td>
<td>09-01801</td>
<td>$1,197.00</td>
</tr>
<tr>
<td>Horizontal Stabilizer Surface Set</td>
<td>09-01802</td>
<td>$270.00</td>
</tr>
<tr>
<td>Rudder Surface</td>
<td>09-01803</td>
<td>$140.00</td>
</tr>
<tr>
<td>Hurricane, Avenger &amp; Phantom Aircraft</td>
<td>09-01799</td>
<td>$1,447.00</td>
</tr>
<tr>
<td>Wing Surface Set</td>
<td>09-01801</td>
<td>$1,197.00</td>
</tr>
<tr>
<td>Aileron Surface Set</td>
<td>09-01802</td>
<td>$270.00</td>
</tr>
<tr>
<td>Elevator Surface Set</td>
<td>09-01803</td>
<td>$140.00</td>
</tr>
<tr>
<td>Horizontal Stabilizer Surface Set</td>
<td>09-01804</td>
<td>$80.00</td>
</tr>
<tr>
<td>Upper Vertical Stabilizer</td>
<td>09-01805</td>
<td>$50.00</td>
</tr>
<tr>
<td>Lower Vertical Stabilizer</td>
<td>09-01806</td>
<td>$50.00</td>
</tr>
<tr>
<td>Rudder Surface</td>
<td>09-01807</td>
<td>$105.95</td>
</tr>
<tr>
<td>Advanced Aviation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coba A or B Complete Sail Set</td>
<td>09-01855</td>
<td>$1,724.00</td>
</tr>
<tr>
<td>Coba A or B Wing Surface Set</td>
<td>09-01856</td>
<td>$1,445.00</td>
</tr>
<tr>
<td>Coba Aileron Surface Set</td>
<td>09-01857</td>
<td>$250.95</td>
</tr>
<tr>
<td>Coba Horizontal Stabilizer</td>
<td>09-01858</td>
<td>$365.95</td>
</tr>
<tr>
<td>Coba Elevator Surface Set</td>
<td>09-01859</td>
<td>$109.00</td>
</tr>
<tr>
<td>Coba Rudder Surface</td>
<td>09-01860</td>
<td>$15.95</td>
</tr>
<tr>
<td>Explorer Complete Sail Set</td>
<td>09-01861</td>
<td>$1,776.00</td>
</tr>
<tr>
<td>Explorer Aileron Surface Set</td>
<td>09-01862</td>
<td>$175.00</td>
</tr>
<tr>
<td>Explorer Elevator  Set</td>
<td>09-01863</td>
<td>$327.00</td>
</tr>
<tr>
<td>Explorer Wing Flap Set</td>
<td>09-01864</td>
<td>$327.00</td>
</tr>
<tr>
<td>Explorer Horizontal/Elevator Set</td>
<td>09-01865</td>
<td>$275.00</td>
</tr>
<tr>
<td>Explorer Vertical Stabilizer</td>
<td>09-01866</td>
<td>$140.00</td>
</tr>
<tr>
<td>Explorer Rudder Surface</td>
<td>09-01867</td>
<td>$150.95</td>
</tr>
<tr>
<td>Buccaneer 2 &amp; Carrera 180</td>
<td>09-01869</td>
<td>$2,337.00</td>
</tr>
<tr>
<td>Buccaneer 2 Wing Only</td>
<td>09-01870</td>
<td>$2,123.00</td>
</tr>
<tr>
<td>Buccaneer 2 Aileron Set</td>
<td>09-01871</td>
<td>$225.00</td>
</tr>
<tr>
<td>Buccaneer 2 Vertical Stabilizer</td>
<td>09-01872</td>
<td>$179.95</td>
</tr>
<tr>
<td>Buccaneer 2 Rudder Surface Set</td>
<td>09-01873</td>
<td>$280.00</td>
</tr>
<tr>
<td>Buccaneer 2 Stabilizer/Elevator</td>
<td>09-01874</td>
<td>$1,150.00</td>
</tr>
<tr>
<td>Buccaneer 2 Gap Cover</td>
<td>09-01875</td>
<td>$95.00</td>
</tr>
<tr>
<td>Buccaneer 2 Flap Set</td>
<td>09-01876</td>
<td>$170.00</td>
</tr>
<tr>
<td>Buccaneer SX Sail Set</td>
<td>09-01878</td>
<td>$2,356.00</td>
</tr>
<tr>
<td>Carrera Complete Sail Set (Includes Pylon Cover)</td>
<td>09-01879</td>
<td>$2,245.00</td>
</tr>
<tr>
<td>Carrera Complete Sail Set</td>
<td>09-01880</td>
<td>$1,249.00</td>
</tr>
<tr>
<td>Carrera Wing Surface Set</td>
<td>09-01881</td>
<td>$225.00</td>
</tr>
<tr>
<td>Carrera Wing Surface Set</td>
<td>09-01882</td>
<td>$669.00</td>
</tr>
<tr>
<td>Carrera Wing Flap Set</td>
<td>09-01883</td>
<td>$800.00</td>
</tr>
<tr>
<td>Carrera Aileron Set</td>
<td>09-01884</td>
<td>$150.95</td>
</tr>
<tr>
<td>Carrera Pylon Fairing</td>
<td>09-01885</td>
<td>$281.95</td>
</tr>
<tr>
<td>Quicksilver Aircraft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MX Complete Sail Set</td>
<td>09-01736</td>
<td>$975.00</td>
</tr>
<tr>
<td>MX Wing Surface Set</td>
<td>09-01737</td>
<td>$729.00</td>
</tr>
<tr>
<td>MX Qualifier Complete Sail Set</td>
<td>09-01738</td>
<td>$1,246.00</td>
</tr>
<tr>
<td>MX Qualifier Wing Set</td>
<td>09-01739</td>
<td>$1,089.00</td>
</tr>
<tr>
<td>MX Tapered Stabilizer Option</td>
<td>09-01763</td>
<td>$60.00</td>
</tr>
<tr>
<td>MX Horizontal Stabilizer</td>
<td>09-01765</td>
<td>$80.00</td>
</tr>
<tr>
<td>MX Rudder Surface</td>
<td>09-01768</td>
<td>$95.00</td>
</tr>
<tr>
<td>MX-MXL Elevator Set</td>
<td>09-01769</td>
<td>$95.00</td>
</tr>
<tr>
<td>MX2 Complete Sail Set</td>
<td>09-01740</td>
<td>$1,015.00</td>
</tr>
<tr>
<td>MX2 Vertical Stabilizer Set</td>
<td>09-01741</td>
<td>$744.00</td>
</tr>
<tr>
<td>MX2 H.P. Complete Sail Set</td>
<td>09-01742</td>
<td>$1,150.00</td>
</tr>
<tr>
<td>Quicksilver Weight Shift Rudder</td>
<td>09-01769</td>
<td>$85.00</td>
</tr>
<tr>
<td>Quicksilver Weight Shift Complete Sail Set</td>
<td>09-01743</td>
<td>$327.00</td>
</tr>
<tr>
<td>MXL Complete Sail Set</td>
<td>09-01744</td>
<td>$1,595.00</td>
</tr>
<tr>
<td>MXL Wing Surface Set</td>
<td>09-01745</td>
<td>$1,250.00</td>
</tr>
<tr>
<td>MXL Aileron Surface Set</td>
<td>09-01766</td>
<td>$279.00</td>
</tr>
<tr>
<td>MXL Tapered Stabilizer</td>
<td>09-01767</td>
<td>$100.00</td>
</tr>
</tbody>
</table>

Our sails are made in the United States by a top flight sail loft. These sails are made from the highest quality 3.9 oz. Dacron, many of them from the original OEM sail patterns. These sails are guaranteed to fit properly. All sail sets come complete with tail feathers and fuselage covers, except where noted. All sail orders are on custom-fabricated basis. Therefore, please allow an average of three weeks for delivery. There are no refunds on sail sets unless they are defective. Non-refundable 100% deposit or credit card purchase required. A wide selection of sail colors are available. Contact Aircraft Spruce for details on colors, patterns, and custom work. Prices subject to change without notice.
CECONITE FABRIC

Ceconite, 100% polyester fabric is approved for use on most certificated aircraft. To be sure to check the master eligibility list in the procedure manual. Visit our website for Data Sheet.

CECONITE 101 Extra heavy-duty fabric recommended for the most severe operating conditions and very high-wing loading aircraft. 3.4 oz/sq yd. Thread Count: 144 X 57/in. 100% Polyester. P/N 09-00700............$13.30 /lin. yd

Standard fabric is recommended for normal service and is widely used on all types of aircraft, regardless of wing loading or horsepower. 2.79 oz/sq yd. 73”X65” P/N 09-00900............$11.95 /lin. yd

CECONITE 102

CECONITE FABRIC

New Super Seam Fabric Cement. Not compatible with original nitrate-based Super Seam. Used to attach Ceconite Fabric to structures. High solids nitrate based cement approved in the Ceconite STC.

1 Qt. P/N 09-18100................$27.25
1 Gal. P/N 09-18200................$99.80

POLYESTER THREAD & CORD (FAA APPROVED)

CECONITE - 693 waxed, 600 yds. P/N 09-41300-1.................$45.25
CECONITE - Flat Braided, 500 yds. P/N 09-00822.................$45.25

HAND SEWING THREADS - 250 yds. P/N 09-41400................$11.75
MACHINE SEWING THREAD - 5600 yds. P/N 09-41500................$15.25
INTERIBRACE TAPING - 36 yd roll, 1/2” P/N 09-41560.............$16.70

CECONITE REINFORCING TAPES (FAA APPROVED)

Polyester twill with adhesive back. Applied under riblacer, server, or pop rivet to prevent fabric from ripping. 60 yd. length.

1/4” width P/N 09-41230......................$55.00
3/8” width P/N 09-41238......................$56.60
1/2” width P/N 09-41212......................$57.95

CECONITE PROCEDURE MANUAL

STC manual for applying ceconite materials. P/N 09-01000......................$10.00

STAR-TAK FABRIC CEMENT

Star-Tak is a vinyl-based cement that is used to cement aircraft fabric to steel, aluminum, wood, or composite surfaces. It is also used to join fabric together in overlapped cemented seams. It dries to the touch in 15 to 20 minutes in normal temperatures. In two hours, it develops a bond strong enough to allow heat shrinking the fabric.

Quart P/N 09-00257..........................$25.55
Gallon P/N 09-00258......................$99.80

STAR GLOSS SEALERS

Gray Sealer is used to seal Ceconite fabric prior to spraying Silver Urethane Fabric Primer. This coat prevents pinholes in the Silver Urethane Fabric Primer. Gray Sealer is also used to apply Ceconite finishing tapes. It is tinted translucent gray to help see it when applied.

Quart P/N 09-002577..........................$25.55
Gallon P/N 09-002578......................$85.00
5 Gallon P/N 09-002579...................$420.00

STAR GLOSS SEALER REDUCER

Thinner for Gray Sealer. Mix three parts Gray Sealer to one part Sealer Reducer. Shelf Life: Four years, unopened in protective storage. Not affected by freezing.

Quart P/N 09-002580..........................$15.40
Gallon P/N 09-002581......................$48.25
5 Gallon P/N 09-002582...................$230.90

CECONITE TAPES

This FAA approved process utilizing Ceconite polyester fabrics and the Randolph line of finishes assures a beautiful, durable, weather-resistant cover job every time. The Ceconite cover process was issued Supplemental Type Certificate No. SA4503MN in 1997, and this number will apply to all aircraft. Note: Only Randolph materials may be used through the topcoat paint to comply with STC requirements. Randolph finishes are required for approval. Ceconite is approved for use on most certificated aircraft. To be sure, check the Approved Model List in the latest revision of Procedure Manual 101 for the Ceconite Aircraft Covering Process.

LINEAR STRAIGHT TAPES (CECONITE 102)

Width Roll Price
1” 25 yds. P/N 09-41010......................$21.35
1.5” 25 yds. P/N 09-41015.....................$28.65
2” 25 yds. P/N 09-41020.....................$34.75
3” 25 yds. P/N 09-41030.....................$51.90
4” 25 yds. P/N 09-41040.....................$60.85
6” 25 yds. P/N 09-41060.....................$72.60

LINEAR PENKED TAPES (CECONITE 102)

Width Roll Price
1” 25 yds. P/N 09-41111.....................$16.05
1.5” 25 yds. P/N 09-41116.....................$17.65
2” 50 yds. P/N 09-41120.....................$30.20
3” 25 yds. P/N 09-41125.....................$23.20
4” 25 yds. P/N 09-41132.....................$27.80
6” 25 yds. P/N 09-41145.....................$32.40

LINEAR PENKED TAPES (CECONITE LIGHT)

Width Roll Price
1” 25 yds. P/N 09-41215.....................$16.05
1.5” 25 yds. P/N 09-41216.....................$17.65
2” 50 yds. P/N 09-41220.....................$30.20
3” 25 yds. P/N 09-41232.....................$27.80
4” 25 yds. P/N 09-41245.....................$32.40
6” 25 yds. P/N 09-41256.....................$45.00

BIAS PENKED TAPES

For use on curved edges.

Width Roll Price
2” 25 yds. P/N 09-41165.....................$32.45
3” 25 yds. P/N 09-41170.....................$46.15
4” 25 yds. P/N 09-41175.....................$57.35

STAR GLOSS SILVER URETHANE FABRIC PRIMER

Silver Urethane Fabric Primer is a polyurethane product that serves two purposes: to build the coating over the fabric to prepare for paint, and to protect the fabric from UV radiation. Silver Primer uses a metallic-like flake additive. This proven system results in a positive metallic light block and reflection to both visible and invisible UV without relying on chemical UV light blockers.

Quart P/N 09-02585.........................$28.75
Gallon P/N 09-02586.........................$101.20

STAR GLOSS SILVER URETHANE FABRIC PRIMER CATALYST

Silver Urethane Fabric Primer Catalyst is the only catalyst that can be used with Silver Urethane Fabric Primer. Note that unlike other catalysts it is mixed at a four to one ratio of primer to catalyst.

1/2 Pint P/N 09-02387.........................$34.50
Quart P/N 09-02388.........................$78.20

STAR GLOSS SILVER URETHANE FABRIC PRIMER REDUCER

A special blend of solvents specifically formulated for use with Ranthane and Star Gloss Silver Urethane Fabric Primer.

Gallon P/N 09-02374.........................$49.00

STAR GLOSS AIRCRAFT COVERING PROCESS PROCEDURE MANUAL

114 page of step-by-step instruction on how to cover your airplane with the Ceconite/Star Gloss system, helpful photos, great nostalgic cartoons, extra words of wisdom, and a delightful sense of humor. Includes catalog of products, everything from fabrics to top coat paint. P/N 09-02376.........................$10.00
**Dacron Tape / Peel Ply**

A layer of 2.7 oz. Dacron fabric strips or tape laminated into a layup as if it were an extra ply of glass. The peel coat wets out with epoxy like glass cloth and cures along with the rest of the layup. However, the Dacron does not adhere structurally to the glass and when peeled away it leaves a surface ready for glass-to-glass bonding without sanding.

**Requirements for Small Aircraft:** For Experimental Aircraft.

- 3 Rolls of 1” x 50 Yds. Tape
- 2 Rolls of 2” x 50 Yds. Tape
- 1 Roll of 3” x 50 Yds. Tape
- 1 Roll of 4” x 50 Yds. Tape

Discount Schedule for Dacron Tapes: Less 10% for 12 Rolls (assorted) • Less 15% for 25 Rolls (assorted). Request quote on larger quantities.

---

**Cotton Reinforcing Tapes**

- **DDD-T-86F**: 1/2” x 36 Yds. 09-17000 $13.95
- **DDD-T-86F**: 1/2” x 60 Yds. 09-17001 $21.75
- **DDD-T-86F**: 1/2” x 90 Yds. 09-17002 $27.25
- **DDD-T-86F**: 1/2” x 120 Yds. 09-17003 $34.25
- **DDD-T-86F**: 1/2” x 180 Yds. 09-17004 $44.25
- **DDD-T-86F**: 1/2” x 240 Yds. 09-17005 $59.50

---

**Threads & Cords**

- **American Green**: 1/8” Diameter - Plain 2” .125” 100ft. 05-03510 $113.80
- **American Green**: 1/8” Diameter - Vermiculite Coated 2” .125” 100ft. 05-03511 $162.99

---

**Sail Fabric**

- **#1003 Glacier White Sail Fabric**: 54” wide. 4.1 oz. Color may vary from sample shown. Sold by the yard. Note: This fabric is for ultralight sails, and will not shrink.

---

**Florian Pinker**

One continuous pinked edge while being comfortable for either right or left hand use. Light and compact for easy use and easy storage. Gives that “professional look” to your own creations and easily pinks the most intricate patterns. Made in U.S.A.

P/N 09-01400 $77.50

---

**Diamond Back Tape**

**Advantages:** • Save TIME with easy installation • Save OPERATING COSTS with improved energy efficiency • Save REPAIR COSTS with long lasting quality at high temp • Save ON PRICE with quantity discounts

**Characteristics:**

- **Fibers:** Ceramic
- **Application:** Insulation with bolt holes
- **Weave Style:** Drop Warp
- **Thickness:** 1/32”
- **Bolt Diameter:** Up to 7/8”
- **Continuous Service:** 1,800°F
- **Maximum Use:** 1,200°F
- **Durability:** High Strength
- **Coating:** Plain or Vermiculite Avail

**Type**

<table>
<thead>
<tr>
<th>Width</th>
<th>Thickness - Plain</th>
<th>Thickness - Vermiculite Coated</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4”</td>
<td>1/32”</td>
<td>2”</td>
</tr>
<tr>
<td>09-03510</td>
<td>$113.80</td>
<td>P/N 09-03510</td>
</tr>
</tbody>
</table>

---

**Cloth Masking Tape**

Has many uses in aircraft maintenance work. Strip over sharp corners under fabric. Strips on parts under doped fabric will prevent fabric from sticking to parts. Pressure-sensitive adhesive backing. Easily applied, easily removed. Leaves no residue. Should not be applied below 32°F. 1” x 60 yds. 09-17100 $10.50

---

**Soldering Iron**

Use to melt drain holes and inspection rings in polyester fabric. 35 Watt, 900°F tip. Tip is replaceable & long life coated.

P/N 09-37430 $79.50

---

**Heavy-Duty Heat Gun**

This soft air velocity of this heat gun increases the surface temperature to the required working temperature much faster than conventional heat guns and maintains a higher temperature for faster completion of the application. Features double insulation, two temperature selections of 570°F and 1000°F, and a unique impact resistant heating element. Operates on 120V AC at 11.6 amps. Air volume 14.8 cu. ft. per minute. Wt. 1-1/2 lbs.

P/N 09-17800 $12.90
P/N 09-17900 $17.75
P/N 12-00257 $56.75

---

**Pocket Thermometer**

This Pocket thermometer can eliminate 80% of your iron on covering problems. These problems are caused by your iron’s temperature varying as much as 60° while in use, which causes bubbles and sag. If you are using an iron other than Black Baron, this thermometer is a must in monitoring iron temperatures.

P/N 09-37500 $28.60

---

**Maule Fabric Tester**

A fine quality tool to test fabric covered aircraft for minimum FAA requirements without removing or punching holes in fabric. Also used to test struts for inside rusting as required by FAA on all Piper aircraft with struts.

P/N 09-14900 $398.00

---

**Prices Subject to Change Without Notice**
PTI SPECIALTY PAINTS

PTI Specialty Paint & Coatings, exclusively from Aircraft Spruce & Specialty Co., are featured in space, aerospace and aviation applications throughout the world – the Space Shuttle and Space Station projects, the Patriot and Stinger missile projects and in refurbishing of landing gear for commercial aircraft. Now, Aircraft Spruce brings PTI products to General and Sport Aviation.

See all PTI Paint Products at www.aircraftspruce.com

PTI COMPLETE SPECIALITY PAINT SYSTEM

Note: Strong professional recommendation – These products have been specifically formulated to work together. Maximum adhesion, durability and performance is achieved when these products are applied as a system. To purchase: Your Specialty Paint System simply tell us the make and model of your aircraft, and the Federal 595 Color – see chart on our website at: www.aircraftspruce.com Need a custom color that is not on the chart? – Ask us, we can help you with that too.

SOLVENTS, REMOVERS, & REDUCERS

PTI-MEK is virgin (not recycled) MEK that may be used to clean and prepare the substrate for painting. PTI-MEK may also be used to clean brushes, paint guns and other painting tools. PTI-Acetone is virgin (not recycled) Acetone that may be used to remove lacquer finishes, to soften lacquers or acrylics that set up in spray guns or hoses. Acetone is not effective on urethanes and should not be used. Use MEK for cleanup on urethane products. Use only virgin acetone. Recycled acetone can damage virtually anything to which it is applied. PTI-Toluene is virgin (not recycled) toluene that may be used as a reducer for enamels and other coatings in the alkyd family. Do not use with PTI chromate and chromate-free primers. Instead, use PT-1022X66 reducer. PT-1045 is a reducer specially formulated to complement the PTI Air Dry Wash Primer. PT-1022X66 is a reducer specially formulated to complement the PTI chrome and chromate free primers. PT-1003 Type Ill is a reducer specially formulated to complement the PTI Epoxy primer.

PTI EPOXY PRIMER

PTI’s Epoxy Primer is a low VOC (volatile organic compounds) epoxy polyamide solvent primer which conforms to the military specification MIL-P-23377 Rev. E. This coating is highly recommended for use on aluminum and all plated or unplated metallic surfaces to insure maximum protection against corrosion. This primer may be used as an interior or exterior primer that insures maximum adhesion of any paint or lacquer finish coats.

PTI Acid Etch Primer

PTI’s Acid Etch Primer requires no sanding and is a polyvinyl butyral zinc chromate formulation that may be used to prime all plain or plated metallic surfaces. Priming surfaces with this primer will ensure maximum adhesion of all baked or air-dry finish coats (including lacquer finish coats). The finely ground emulsions of zinc chromate pigment, resin and phosphoric acid hardeners are virtually non-settling. For the best results follow the instructions on the technical data sheet. This primer exceeds the performance standards specified in Department of Defense specification (DOD) 15328 and Military Specification MIL-8514.

PTI ZINC CHROMATE PRIMER

PTI’s Zinc Chromate Primer is formulated to exceed the performance standards in the Federal Specification TT-P-1757. This primer promotes maximum adhesion to bare aluminum and steel and is recommended for that purpose. PTI’s zinc chromate primer is a formulation proven to perform.

PTI ZINC OXIDE PRIMER - CHROMATE FREE

PTI’s Zinc Oxide Primer is formulated to exceed the performance standards in the Federal Specification TT-P-1757. Promotes maximum adhesion to bare aluminum and steel. Formulated to provide a high performance primer that is considered a safer, more environmentally friendly, alternative to the zinc chromate primer.

PTI SANDABLE PRIMER

PTI’s Sandable Primer is a two component epoxy based primer. PTI-573 is capable of filling small holes and imperfections before topcoating. PT-573 provides a smooth, sandable base coat that improves the adhesion and appearance of the topcoat. Because of PTI-573’s unique formula, this primer also provides excellent rust and corrosion protection. This sandable primer is compatible with PTI’s epoxy and Polyurethane topcoats.

PTI SPECIALTY PAINTS

1. Paint Strippers
2. Primers: Acid Etch and Epoxy
3. Topcoats: A chemical resistant Polyurethane with UV protectors
4. PTI Polykick™ to accelerate drytime
5. Cleaners

Note: Before applying, refer to the technical data sheet for this product.

*Must be shaken for 15 min. on a paint shaker.

Pricing Subject to Change Without Notice

412

ALL mixed paints are special order and are non-returnable.

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice
Two component catalyzer cure epoxy polyamide which meets, and exceeds, MIL-PRF-22750E&F. Type 1. This system cures to an extremely hard, impervious film which resists yellowing and chalking. The Epoxy Topcoat provides the ultimate protection and gives a high quality finished appearance to metal, wood, and most other materials capable of being coated. Intended specifically for interior application to improve longevity and provide durability. This product is available in every color from the 595C Federal Color standard. Custom color matching available upon request.

To Order use “Base Part No.” followed by the dash number of desired finish and size listed below.

-43 is for Flat Quart
-53 is for Semi-Gloss Quart
-63 is for Gloss Quart
-44 is for Flat Gallon
-54 is for Semi-Gloss Gallon
-64 is for Gloss Gallon

**Prices Subject to Change Without Notice**
PTI SPECIALTY PAINTS

POLYURETHANE - ENAMELS - WATERBORNE

POLYURETHANE/CATALYST CURE: Low VOC - Two component topcoat system with built-in U.V. protection. The system has both corrosion and chemical resistance properties with a gloss range > 95%. Comes in all Federal 595C colors. Custom colors available upon request.

ENAMEL: PTI’s Enamel is formulated to meet the performance specifications of Federal specification TT-E-489G. This product is a high quality alkyd enamel which performs best when used with PTI’s zinc chromate or chromate free primer. It may be applied over wood or metal and is suitable for both interior and exterior applications.

WATERBORNE POLYURETHANE: ZERO V.O.C. general purpose, exterior protective coating for metal surfaces. This product also works great for interior applications. The Waterborne Polyurethane should be applied over top of the PTI Waterborne Epoxy Primer. Available in all Federal 595C colors; custom colors available upon request.

HOW TO ORDER:
1. Add the following dash numbers after the "Base Part No." listed in the chart for the size and type desired.
   - For PTI Polyurethane: Qt. Size add -13
   - For PTI Enamel: Qt. Size add -23
   - For PTI Waterborne: Qt. Size add -33
2. The PTI Polyurethane, Enamel, and Waterborne paints are also available in semi-gloss and flat. Please contact us for current price and availability.

PTI Touch-Up Paint Kits are available in polyurethane, enamel, waterborne, and interior epoxy paints. For more information, see www.aircraftspruce.com.

PTI POLYKICK™

Other products used with: Use only with PTI Polyurethanes. Typical Uses: PTI PolyKick is formulated to accelerate the cure time for PTI’s polyurethane formulations.

4 oz. ................................P/N 09-02670 .................. $10.50
8 oz. ................................P/N 09-02671 .................. $15.95

PTI POLYURETHANE PAINT KIT

This kit will provide all the materials needed to paint any RV or similar size aircraft. The kit consists of: • Green Acid Etch Primer & Reducer • Yellow Epoxy Primer, Catalyst, & Reducer • Polyurethane White topcoat, with catalyst & Reducer • Clear coat sold separately

Additional colors are available upon request, for an additional cost.

Paint Kit ................................P/N 09-02074 ............ $1,137.00
Clear Coat Kit ................................P/N 09-02073 ............ $270.95

PTI COLOR CHART

These samples are an approximate computer representation of the actual color and are to be used for reference only. P/N 09-01969 ........................................... FREE

ALL POLYURETHANE PAINTS REQUIRE CATALYST TO CURE! Note: Polyurethane requires catalyst and the system will add the required amount automatically. If you currently have an adequate supply please notify your sales rep. Always refer to Technical Data before use for mixing instructions and curing times.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>PN</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyurethane Catalyst</td>
<td>Gal</td>
<td>09-01256</td>
<td>$120.95</td>
</tr>
<tr>
<td>Polyurethane Catalyst</td>
<td>Qt.</td>
<td>09-01964</td>
<td>$56.50</td>
</tr>
<tr>
<td>Polyurethane Thinner</td>
<td>Qt.</td>
<td>09-01657</td>
<td>$35.60</td>
</tr>
<tr>
<td>Polyurethane Thinner</td>
<td>Gal</td>
<td>09-01658</td>
<td>$30.65</td>
</tr>
</tbody>
</table>

ESTIMATED QUANTITIES PTI RECOMMENDED

STripper
Small Plane: 3-5 gallons Medium Plane: 9-10 gallons Large Plane: 18-25 gallons

WASH PRIMER
Small Plane: 2 gallons Medium Plane: 2 gallons Large Plane: 3-5 gallons

TOPCOAT

PLANE SIZE
Small Plane: Cessna, Beechcraft Medium Plane: Lear Jet, Gulfstream Large Plane: Commercial Embraier Commuter Extra Large Plane: Airbus 374

PAINT & REDUCERS CROSS REFERENCE CHART

<table>
<thead>
<tr>
<th>Coating System</th>
<th>Solvent/Reducer</th>
<th>Zinc Chromate &amp; Zinc Oxide Primers</th>
<th>Zinc Oxide Primers</th>
<th>Epoxy Primer</th>
<th>Epoxi Primer</th>
<th>Acrid Etch Primer</th>
<th>Polyurethane</th>
<th>Acrylic</th>
<th>FT-1001</th>
<th>FT-1081</th>
<th>FT-1068</th>
<th>FT-1066</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallon P/N 00-00954</td>
<td>Duet P/N 00-00956</td>
<td>Gallon P/N 00-00954</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gallon P/N 00-00910</td>
<td>Duet P/N 00-00910</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gallon P/N 00-00970</td>
<td>Duet P/N 00-00970</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gallon P/N 00-01658</td>
<td>Duet P/N 00-01658</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gallon P/N 00-01667</td>
<td>Duet P/N 00-01667</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

VISIT OUR WEBSITE FOR A COMPLETE COLOR CHART OF PTI PAINT AT: www.aircraftspruce.com

ALL mixed paints are special order and are non-returnable.
### DOPES – THINNERS – SOLVENTS

<table>
<thead>
<tr>
<th>Product Description</th>
<th>Part No.</th>
<th>Quart Price</th>
<th>Gallon Price</th>
<th>Part No.</th>
<th>5 Gal. Price</th>
<th>Part No.</th>
<th>54 Gal. Drum Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrate Dope, Clear</td>
<td>09-09400</td>
<td>$29.50</td>
<td>$49.90</td>
<td>09-09500</td>
<td>$209.95</td>
<td>09-09700</td>
<td>$1,334.00</td>
</tr>
<tr>
<td>Nitrate Dope, Blue Tint</td>
<td>09-09000</td>
<td>$28.50</td>
<td>$58.75</td>
<td>09-09100</td>
<td>$188.95</td>
<td>09-09300</td>
<td>$1,491.00</td>
</tr>
<tr>
<td>Nitrate Dope, Clear, Non-Tautening</td>
<td>09-09900</td>
<td>$28.75</td>
<td>$47.50</td>
<td>09-10000</td>
<td>$211.95</td>
<td>09-10200</td>
<td>$1,396.00</td>
</tr>
<tr>
<td>Nitrate Dope, Blue Tint, Non-Tautening</td>
<td>09-03999</td>
<td>$32.50</td>
<td>$53.85</td>
<td>09-04001</td>
<td>$228.95</td>
<td>09-04003</td>
<td>$1,772.00</td>
</tr>
<tr>
<td>Butyrate Dope, Clear</td>
<td>09-10400</td>
<td>$33.55</td>
<td>$56.75</td>
<td>09-10501</td>
<td>$322.95</td>
<td>09-10700</td>
<td>$1,718.00</td>
</tr>
<tr>
<td>Butyrate Dope, Clear, Non-Tautening</td>
<td>09-10900</td>
<td>$39.75</td>
<td>$66.85</td>
<td>09-11000</td>
<td>$266.95</td>
<td>09-11200</td>
<td>$1,872.00</td>
</tr>
<tr>
<td>Nitrate Thinner</td>
<td>09-11400</td>
<td>$22.75</td>
<td>$36.50</td>
<td>09-11500</td>
<td>$159.75</td>
<td>09-11600</td>
<td>$1,070.00</td>
</tr>
<tr>
<td>Butyrate Thinner</td>
<td>09-11900</td>
<td>$24.50</td>
<td>$39.50</td>
<td>09-12000</td>
<td>$167.75</td>
<td>09-12200</td>
<td>$1,256.00</td>
</tr>
<tr>
<td>Retarder, Nitrate*</td>
<td>09-12400</td>
<td>$26.50</td>
<td>$22.85</td>
<td>09-12500</td>
<td>$151.90</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Retarder, Butyrate*</td>
<td>09-12900</td>
<td>$31.85</td>
<td>$29.95</td>
<td>09-12901</td>
<td>$229.95</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Toluene</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>--</td>
<td>$99.85</td>
</tr>
</tbody>
</table>

*Add 5% to 10%, as needed, of this blend of fast-cutting, high-boiling solvents to prevent dope blushing under conditions of high humidity. Also improves flow by slowing drying time. Certified Coatings offers only a limited number of colors in butyrate dope which have been selected as standards. The colors will match as closely as possible the corresponding color on the Randolph selection card reproduced in this catalog.

### CERTIFIED COATINGS COLOR CHART

To Order: Use Product # plus "QT" for Qt., "1G" for Gal. and "5G" for 5 Gal.

### SURE STRIP PAINT REMOVER

Removes urethanes, epoxies, lacquers, primers, enamels, vinyls, varnishes, acrylics, shellac and polyesters. Washing off with water leaves a clean film-free surface that is ready for refinishing. Product of Certified Coatings Products Co. 1 Qt. P/N 09-05701 $18.50 1 Gal. P/N 09-05710 $29.75 5 Gal. P/N 09-05715 $132.75 55 Gal. P/N 09-03999 $1,195.00

### FABRIC REJUVENATORS

A blend of deep cutting solvents which penetrates the dope finish and restores some of the original flexibility. Use on old fabric in fair condition. Do not use on weak or rotted fabric. Specify type of finish. Rejuvenator Type Certified Coatings Nitrate Rejuvenator Butyrate Rejuvenator Stits Poly-Fiber RJ-1200

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrate Rejuvenator</td>
<td>09-02417</td>
<td>$43.90</td>
<td>$176.95</td>
<td>$531.00</td>
<td>$1,195.00</td>
</tr>
<tr>
<td>Butyrate Rejuvenator</td>
<td>09-02418</td>
<td>$43.50</td>
<td>$176.95</td>
<td>$531.00</td>
<td>$1,195.00</td>
</tr>
</tbody>
</table>

### SURE SEAM FABRIC CEMENT

Sure Seam is a high quality, high tack fabric cement which has excellent bonding properties. Quart P/N 09-13330 $43.50 Gallon P/N 09-13340 $72.75

### AIRCRAFT SPRUCE ACETONE

Use to remove lacquer finishes, for cleanup after painting, and to soften lacquers or acrylics that have set up in spray guns or hoses. It has little effect on polyurethane which has cured in the lines. Use only virgin acetone as recovered acetone can damage virtually any product of which it is used. Pint P/N 01-01077 $6.50 Quart P/N 01-01078 $9.75 Gallon P/N 01-01079 $17.50

### STOP STRIP PAINT REMOVER

Removes urethanes, epoxies, lacquers, primers, enamels, vinyls, varnishes, acrylics, shellac and polyesters. Washing off with water leaves a clean film-free surface that is ready for refinishing. Product of Certified Coatings Products Co. 1 Qt. P/N 09-05701 $18.50 1 Gal. P/N 09-05710 $29.75 5 Gal. P/N 09-05715 $132.75 55 Gal. P/N 09-03999 $1,195.00

### AIRCRAFT SPRUCE WEST

CORONA, CA • (877) 4-SPRUCE

### AIRCRAFT SPRUCE EAST

PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice
**J3000 BUTYSOLV REJUVENATOR**

Used to soften older dope coatings which exhibit cracking or ring-worming. Restores plasticizers in aged finishes to add flexibility. Only works on aircraft painted with butyrate dope; will not work on polyurethane topcoat finishes.

<table>
<thead>
<tr>
<th>Quart</th>
<th>P/N 09-14505</th>
<th>$27.20</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallon</td>
<td>P/N 09-14510</td>
<td>$81.65</td>
</tr>
<tr>
<td>5 Gallons</td>
<td>P/N 09-14515</td>
<td>$400.15</td>
</tr>
</tbody>
</table>

**G-6303 RAND-O-FILL BUTYRATE (SILVER)**

Rand-O-Fill G-6303 is a non-tautening butyrate material designed as the aluminum spray coat over Rand-OProof G-6302, over Nitrate Clear Dope or Butyrate clear Dope. Allow to dry. Wet sand to desired smoothness. Wash and allow surface to completely dry before applying following coat. Thin as needed with Butyrate Thinner.

<table>
<thead>
<tr>
<th>Quart</th>
<th>P/N G-6303-1G</th>
<th>$18.45</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallon</td>
<td>P/N 09-01018</td>
<td>$55.55</td>
</tr>
<tr>
<td>5 Gallons</td>
<td>P/N 09-01019</td>
<td>$269.25</td>
</tr>
</tbody>
</table>

**701 ALUMINUM PASTE**

A fine mesh paste which is easier to use than powder. Mix 4 oz. by weight of paste to one gallon of clear butyrate dope before thinning.

1 lb. | P/N 09-14500 | $21.10 |

**9703 BUTYRATE THINNER**

Used 1:1 to thin butyrate dopes & pigmented butyrate colors.

<table>
<thead>
<tr>
<th>Quart</th>
<th>P/N 9703-1G</th>
<th>$11.30</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallon</td>
<td>P/N 9703-1G</td>
<td>$42.75</td>
</tr>
<tr>
<td>5 Gallons</td>
<td>P/N 9703-5G</td>
<td>$210.00</td>
</tr>
</tbody>
</table>

**A-1690 BUTYRATE DOPE, NON-TAUTENING (CLEAR)**

For use as a build coat after E-4964 Non-Tautening Nitrate (Clear) on open cockpit aircraft where tinted dope is not desired. Thin 1:1 with 9703 Butyrate Thinner.

<table>
<thead>
<tr>
<th>Quart</th>
<th>P/N 09-00817</th>
<th>$16.70</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallon</td>
<td>P/N 09-00818</td>
<td>$49.90</td>
</tr>
<tr>
<td>5 Gallons</td>
<td>P/N 09-00819</td>
<td>$241.45</td>
</tr>
</tbody>
</table>

**MATERIAL REQUIREMENTS FOR AVERAGE SIZE AIRPLANE USING RANDOLPH FINISHES AND CECONITE FABRIC**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>A-1690 Butyrate Dope, Non-Tautening (Clear)</td>
<td>450 lbs.</td>
</tr>
<tr>
<td>Battery Box Black Paint #345</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Butyrate Thinner</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Butyrate Dope</td>
<td>2000 lbs.</td>
</tr>
<tr>
<td>Acid Proof Paint</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Epoxy Primer</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Butyrate Thinner</td>
<td>1000 lbs.</td>
</tr>
<tr>
<td>Butyrate Dope</td>
<td>2000 lbs.</td>
</tr>
<tr>
<td>Acid Proof Paint</td>
<td>100 lbs.</td>
</tr>
<tr>
<td>Epoxy Primer</td>
<td>100 lbs.</td>
</tr>
</tbody>
</table>

**RANDOLPH FLOAT LACQUER**

This specialty product is used as a spray on the bottom of aluminum floats on amphibious aircraft to protect them from marine growth. Reduce with Randolph 286 Nitrate Thinner.

<table>
<thead>
<tr>
<th>Quart</th>
<th>P/N 09-00830</th>
<th>$17.50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallon</td>
<td>P/N 09-00831</td>
<td>$52.75</td>
</tr>
<tr>
<td>5 Gallon</td>
<td>P/N 09-00832</td>
<td>$238.05</td>
</tr>
</tbody>
</table>

**RANDOLPH ACID-PROOF BATTERY BOX BLACK PAINT #345**

Battery Box Black Paint is an asphaltic coating used to provide protection from battery acid in battery boxes and compartments. It is generally applied with a brush or roller to any metal area that may be exposed to leaking battery acid. Shelf life: Guaranteed 2 years from date on manufacturer in sealed containers. Takes 24 hours to dry. Coverage: 225 square feet per gallon with one coat. Mixing: Stir well before use. Thinning: Use out of the can. If thinning is necessary, thin five parts paint to one part 286 Nitrate Thinner. Application: Apply with a brush. Three coats will provide the best possible protection to epoxy primed metal surfaces.

<table>
<thead>
<tr>
<th>Quart</th>
<th>P/N 09-14500</th>
<th>$16.85</th>
</tr>
</thead>
</table>

All mixed paints are special order and are non-returnable.
RANTHANE POLYURETHANE FINISH

Ranthane is a low viscosity, very high solids polyurethane material resulting in low film weight providing a lasting high gloss. Will withstand most chemicals, engine oils, and hydraulic fluids. Has superb adhesion and abrasion resistance as well as high temperature resistance. For fabric and primed metal.

All Other Colors:
- Qt. From $43.95 Gal. From $134.05
- For Metal Only:
  - Qt. From $60.70 Gal. From $182.25

RANTHANE HIGH SOLIDS CATALYST

- Pint: P/N 09-09328...................... $33.50
- Qt. P/N 09-00040........... $63.15

RANTHANE ACCELERATOR

- Qt. P/N D-7201-qt..................... $44.85

RANTHANE REDUCER

- P/N G-4200-qt......................... $14.00
- Gal. P/N G-4200-1g..................... $49.00

The FAA has approved the use of Ranthane over Poly-Fiber. To order Ranthane colors, please specify Ranthane color from chart on right and specify quart or gallon.

NOTE: Randolph paints are now manufactured by Consolidated Coatings and will not exactly match old Randolph colors. If you are ordering to match old Randolph colors, please provide a paint sample ordering to match old Randolph colors, please provide a paint sample.

MARK II FOR METAL

- A tough, long-lasting, two-part topcoat paint catalyzed with a non-iso-cyanate catalyst. Supplied air respirator not required when spraying.

MARK II MIXING LIQUID

- Combination of catalyst and thinner to be used with Mark II for Metal paint.

MARK II THINNER

- Used as needed to thin Mark II for Metal after combining with Mark II Mixing Liquid to increase flow out.

FAST-DRY ENGINE ENAMELS

Formulated to be heat resistance and maintain good gloss and color retention. For use in the painting of engine cylinders and cylinders, after major overhaul or for general maintenance. Can also be used on engine mounts and supports. Service temperature is 300-350 degrees F. Reduction: Thin to correct spray viscosity with #257 Enamel Thinner(approximately 20% reduction). Application: Spray two coats. Allow to dry to the touch between coats.

<table>
<thead>
<tr>
<th>Color</th>
<th>Quart</th>
<th>Gallon</th>
<th>Part No.</th>
<th>Price</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>303 Black</td>
<td>57-3T</td>
<td>303-1G</td>
<td>D-5973</td>
<td>$32.00</td>
<td>D-5973-EG</td>
<td>$65.95</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>G-5436</td>
<td>$32.00</td>
<td>G-5436-EG</td>
<td>$65.95</td>
</tr>
</tbody>
</table>

RANOLPH ENAMEL HARD GLOSS 9313

Special drier/ additive that modifies enamel into a stronger film that dries faster and creates an even, glossier surface. Adding 2 fluid ounces per thinned quart improves the gloss and removes the tendency for enamel to remain slightly tacky for long periods.

| P/N 09-01164          |        |         |          |        |          |        |
|                       | $34.50 |         |          |        |          |        |

PAINT VISCOSITY CUPS

A precision tool to accurately measure paint viscosity when spraying automotive and aircraft finishes. Consists of a nylon cup with a precisely sized small hole in the bottom. As paint flows through the hole, time the rate of flow. Adjust viscosity by adding thinner as required to produce recommended flow for product being used.

| P/N 01-25400          |        |         |          |        |          |        |
|                       | $13.50 |         |          |        |          |        |
REALCLEAN PRODUCTS – SANDING PRODUCTS

REALCLEAN REAL SHINE DE-ICE BOOT SEALANT
Real Shine Boot Sealant offers an unmatched high gloss shine while conditioning de-ice boots to prevent drying and cracking. Real Shine De-ice Boot Sealant also protects boots from harmful UV Rays which over time will damage the boots. Keep your de-ice boots looking their best with the Real Shine System.

REALCLEAN REAL SHINE DE-ICE BOOT PREP
Real Shiny Aircraft Deice Boot Prep is formulated for easy stripping of old sealant and dressings from aircraft boots. Real Shiny is easy to use and will completely strip and clean the boot surface to reveal a clean bare surface ready for the Real Shiny Sealant application.

REALCLEAN TURBINE SOOT MASTER
Turbine Soot Master is a carbon soot cleaner and degreaser designed to effectively address carbon exhaust build-up and staining that plagues most turbo-props aircraft. Our streak-free formula safely dissolves carbon, grease and oil revealing a clean surface with very little effort. This product is rinse-free and does not require any water. Just spray on and wipe the surface clean with a microfiber or terrycloth. This Product may be diluted 1 part Turbine Soot Master to 1 part Water for lighter exhaust soot, soils or grease cleaning.

REALCLEAN STREAMLINE SPEED WAX
Streamline Speed Wax is a high gloss aircraft polish and waterless wash cleaner that offers unmatched performance by any other aviation wax. Streamline is specially designed to be thin enough for spray on application yet still maintain and exceed the cleaning and high gloss characteristics of the heavier, hard to use waxes available. Streamline is silicone-free to prevent P Static build-up and offers the cleaning and high gloss characteristics of the heavier, hard to use waxes available. Streamline is silicone-free to prevent P Static build-up and offers the cleaning and high gloss characteristics of the heavier, hard to use waxes available. Streamline is silicone-free to prevent P Static build-up and offers the cleaning and high gloss characteristics of the heavier, hard to use waxes available. Streamline is silicone-free to prevent P Static build-up and offers the cleaning and high gloss characteristics of the heavier, hard to use waxes available.

REALCLEAN POST FLIGHT INTERIOR / EXTERIOR CLEANER
Post Flight is a high performance Interior and Exterior liquid cleaner and polish that is safe for all surfaces. It is designed for light duty ultra-fast post flight and quick turn cleaning. Just spray Post-Flight on any surface and wipe away, leaving a clean beautiful shine. Post-Flight contains micro-waxes that clean and shine paint, aluminum, Plexiglas, polished wood and plastic to a beautiful high gloss finish. Use to quickly remove bugs, soil, dirt, dust, and fingerprints between flights. Post Flight Aircraft Detailing Spray is the quickest way to keep your aircraft interior and exterior clean and looking great between flights. Post Flight leaves surfaces fingerprint resistant. Not recommended for use on flight instruments or displays.

REALCLEAN ADVANTAGE CARPET UPHOLSTERY CLEANER
Advantage Carpet and Upholstery Cleaner and Stain remover.

REALCLEAN PREMIUM MICROFIBER DETAILING CLOTHS
Quality microfiber cloths are designed to make cleaning easier and faster, due to the millions of microscopic fibers that make up the fabric. Real microfiber fabric is 100 times finer than human hair and have almost 100 thousand fibers per square inch. Use microfiber cloths for wax removal, cleaning windows, dry washing, polishing wood, cleaning leather and upholstery. Our microfiber cloths are safe for all surfaces including aircraft windows as they are ultra soft, scratch and lint free. Just wash and reuse.

SUNMIGHT WATERPROOF SANDPAPER

<table>
<thead>
<tr>
<th>Grit</th>
<th>Part No.</th>
<th>Price ea</th>
</tr>
</thead>
<tbody>
<tr>
<td>220</td>
<td>09-031108-1</td>
<td>$0.55</td>
</tr>
<tr>
<td>280</td>
<td>09-031109-1</td>
<td>$0.62</td>
</tr>
<tr>
<td>320</td>
<td>09-031110-1</td>
<td>$0.62</td>
</tr>
<tr>
<td>120</td>
<td>09-031111-1</td>
<td>$0.62</td>
</tr>
<tr>
<td>200</td>
<td>09-031112-1</td>
<td>$0.62</td>
</tr>
</tbody>
</table>

SUNMIGHT 5" VELCRO DISC SANDPAPER
Sunmighth Film is a premium product with strong and even surface film backing that allows better surface finish and longer life. It is also great for corner and edge sanding without problems with tearing. Specifications: Grain: Premium Aluminum Oxide, Backing: Polyester Film, Bond: Phenolic Resin, Coating: Open Coat, Grit Range: 80-320. Sold Each.

<table>
<thead>
<tr>
<th>Grit</th>
<th>Part No.</th>
<th>Price ea</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>09-03097-1</td>
<td>$0.50</td>
</tr>
<tr>
<td>120</td>
<td>09-03098-1</td>
<td>$0.40</td>
</tr>
</tbody>
</table>

SUNMIGHT 5" P.S.A. GOLD DISCS

<table>
<thead>
<tr>
<th>Grit</th>
<th>Part No.</th>
<th>Price ea</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>09-03097-1</td>
<td>$0.50</td>
</tr>
<tr>
<td>120</td>
<td>09-03098-1</td>
<td>$0.40</td>
</tr>
</tbody>
</table>

SUNMIGHT 5" P.S.A. FILM DISC - SANDING PAPER
Sunmighth Film is a premium product with strong and even surface film backing that allows better surface finish and longer life. It is also great for corner and edge sanding without problems with tearing. Features: Open coat, Excellent Cutting Performance, Longer lasting life with durability, Perfect sanding surface, Especially, excellent for contour sanding without folding. Specifications: Grain: Premium Aluminum Oxide, Backing: Polyester Film, Bond: Phenolic Resin, Coating: Open Coat, Grit Range: 80-320. Sold Each.

<table>
<thead>
<tr>
<th>Grit</th>
<th>Part No.</th>
<th>Price ea</th>
</tr>
</thead>
<tbody>
<tr>
<td>80</td>
<td>09-03097-1</td>
<td>$0.50</td>
</tr>
<tr>
<td>120</td>
<td>09-03098-1</td>
<td>$0.40</td>
</tr>
</tbody>
</table>

STARTEX COATINGS

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TT-T2668 Lacquer Thinner Gallon</td>
<td>09-03026</td>
<td>$0.20</td>
</tr>
<tr>
<td>TT-T2668 Lacquer Thinner Five Gallon</td>
<td>09-03025</td>
<td>$0.25</td>
</tr>
<tr>
<td>O-A-51 Acetone Gallon</td>
<td>09-03027</td>
<td>$1.90</td>
</tr>
<tr>
<td>O-A-51 Acetone Five Gallon</td>
<td>09-03028</td>
<td>$19.90</td>
</tr>
<tr>
<td>MEK TT-M-361 Quart</td>
<td>09-03030</td>
<td>$11.64</td>
</tr>
<tr>
<td>MEK TT-M-361 Gallon</td>
<td>09-03031</td>
<td>$23.50</td>
</tr>
<tr>
<td>MEK TT-M-361 Five Gallon</td>
<td>09-03032</td>
<td>$33.50</td>
</tr>
<tr>
<td>Toluene TT-T-548 Gallon</td>
<td>09-03033</td>
<td>$7.95</td>
</tr>
<tr>
<td>Toluene TT-T-548 Four</td>
<td>09-03035</td>
<td>$7.95</td>
</tr>
<tr>
<td>Naphtha TT-T-55 Quarts</td>
<td>09-03036</td>
<td>$16.50</td>
</tr>
<tr>
<td>Naphtha TT-T-55 Five</td>
<td>09-03037</td>
<td>$20.50</td>
</tr>
<tr>
<td>Alcohol TT-J-753A Quarts</td>
<td>09-03042</td>
<td>$10.95</td>
</tr>
<tr>
<td>Alcohol TT-J-753A Four</td>
<td>09-03043</td>
<td>$20.00</td>
</tr>
<tr>
<td>Alcohol TT-J-753A Five</td>
<td>09-03045</td>
<td>$85.80</td>
</tr>
<tr>
<td>Mineral Spirits P-D-880 Gallon</td>
<td>09-03046</td>
<td>$22.55</td>
</tr>
<tr>
<td>Mineral Spirits P-D-880 Five Gallon</td>
<td>09-03047</td>
<td>$84.75</td>
</tr>
<tr>
<td>Denatured Alcohol Gallon</td>
<td>09-03048</td>
<td>$5.75</td>
</tr>
<tr>
<td>Denatured Alcohol Five</td>
<td>09-03049</td>
<td>$86.50</td>
</tr>
</tbody>
</table>

Prices Subject to Change Without Notice.
AEROSPACE SOAP
First step cleaner gravitates into the substrate and floats contaminants to the surface. AEROSPACE SOAP can be used on all substrates. Use AEROSPACE SOAP to clean vinyl and leather seat covers prior to restoring with AEROSPACE SURE-COAT™ or AEROSPACE COLOR COAT
P/N 09-03588..........................$13.95

SEM AEROSPACE PLASTIC & LEATHER PREP
Leaves plastic substrates clean for coating, will not soften or distort plastic. Removes contaminants such as mold, release agents, fingerprints and grease. AEROSPACE Plastic & Leather Prep can be used on all plastics and leather. 16 oz. Aerosol.
P/N 09-03587.............................$14.50

SEM LOW VOC RUBBERIZED UNDERCOATING
40523 SEM Low Voc Rubberized Undercoating is a paintable, fast-drying, asphalt free coating for rust proofing, sound deadening, chip resistance and corrosion protection. Less than 40% VOC. 24 oz Aerosol.
P/N 09-03581.............................$12.50

SEM TRIM BLACK
SEM Trim Black 39143 is the industry standard for restoring faded and peeling exterior trim parts. This paint coating offers maximum adhesion on stainless steel and chrome. 20 oz. Aerosol.
P/N 09-03579.............................$12.70

SEM SELF ETCHING PRIMER
Easy to spray, sands quickly and easily, offers superior adhesion. Excellent coverage and hiding. Increases production. Great for spot repairs and overall refinishing. Black......P/N 09-03594.................$19.90
Gray......P/N 09-03595...............$19.85
Green......P/N 09-03596...............$19.85

SEM COLOR COAT
SEM COLOR COAT is formulated to match, restore or change color on most vinyl surfaces, flexible and rigid plastics, carpet and velour. Fade resistant and flexible, COLOR COAT is not a dye, but a permanent paint coating. 16 oz. aerosol.

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>15003 Phantom White</td>
<td>09-03556</td>
<td>$13.99</td>
</tr>
<tr>
<td>15013 Landau Black</td>
<td>09-03557</td>
<td>$13.85</td>
</tr>
<tr>
<td>15043 Shadow Blue</td>
<td>09-03558</td>
<td>$12.98</td>
</tr>
<tr>
<td>15103 Super White</td>
<td>09-03559</td>
<td>$13.95</td>
</tr>
<tr>
<td>15143 Sandstone</td>
<td>09-03561</td>
<td>$13.95</td>
</tr>
<tr>
<td>15164 Presidio</td>
<td>09-03562</td>
<td>$12.98</td>
</tr>
<tr>
<td>15173 Camel</td>
<td>09-03563</td>
<td>$13.95</td>
</tr>
<tr>
<td>15183 Warm Gray</td>
<td>09-03564</td>
<td>$13.95</td>
</tr>
<tr>
<td>15233 Gloss Black</td>
<td>09-03566</td>
<td>$13.95</td>
</tr>
<tr>
<td>15243 Satin Black</td>
<td>09-03567</td>
<td>$13.95</td>
</tr>
<tr>
<td>15283 Pecos Sand</td>
<td>09-03568</td>
<td>$12.98</td>
</tr>
<tr>
<td>15303 Graphite</td>
<td>09-03560</td>
<td>$13.95</td>
</tr>
<tr>
<td>15393 Medium Gray</td>
<td>09-03571</td>
<td>$13.95</td>
</tr>
<tr>
<td>15603 Salish White</td>
<td>09-03572</td>
<td>$13.99</td>
</tr>
<tr>
<td>15763 Storm Gray</td>
<td>09-03573</td>
<td>$13.50</td>
</tr>
</tbody>
</table>

SEM CLASSIC COAT
SEM CLASSIC COAT uses advanced technology to provide superior adhesion and flexibility when changing or restoring the color of most leather and vinyl. CLASSIC COAT is a fade resistant coating that won't chip or peel and is available in many of today's popular OEM colors.

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>17013 Midnight Black</td>
<td>09-03537</td>
<td>$13.99</td>
</tr>
<tr>
<td>17033 Lt. Parchment</td>
<td>09-03538</td>
<td>$13.99</td>
</tr>
<tr>
<td>17043 Med Graphite</td>
<td>09-03539</td>
<td>$13.98</td>
</tr>
<tr>
<td>17053 Med Parchment</td>
<td>09-03541</td>
<td>$13.98</td>
</tr>
<tr>
<td>17083 Dk Graphite</td>
<td>09-03542</td>
<td>$12.98</td>
</tr>
<tr>
<td>17103 Black</td>
<td>09-03543</td>
<td>$13.98</td>
</tr>
<tr>
<td>17103 Dark Gray</td>
<td>09-03544</td>
<td>$13.98</td>
</tr>
<tr>
<td>17133 Lt Gray</td>
<td>09-03546</td>
<td>$13.98</td>
</tr>
<tr>
<td>17123 Lt Neutral</td>
<td>09-03547</td>
<td>$13.98</td>
</tr>
<tr>
<td>17133 Med Dk Pewter</td>
<td>09-03548</td>
<td>$13.98</td>
</tr>
<tr>
<td>17163 Med Gray</td>
<td>09-03549</td>
<td>$12.95</td>
</tr>
<tr>
<td>17173 Slate</td>
<td>09-03551</td>
<td>$13.99</td>
</tr>
<tr>
<td>17203 Very Dk Pewter</td>
<td>09-03552</td>
<td>$13.98</td>
</tr>
<tr>
<td>17223 Taupe</td>
<td>09-03553</td>
<td>$13.98</td>
</tr>
<tr>
<td>17243 Ivory</td>
<td>09-03554</td>
<td>$13.98</td>
</tr>
</tbody>
</table>

SEM LEATHER & VINYL REPAIR COMPOUND
Successfully repairs cuts and abrasions on leather or vinyl. This product has exceptional strength, flexibility and can also be used to fill minor imperfections.
P/N 09-03578..........................$23.95

SEM SOLVE
38373 SEM SOLVE removes adhesives, wax, road tar, grease and paint overspray. 20 oz. Aerosol.
P/N 09-03577..........................$9.95

SEM SAND FREE
38363 SEM SAND FREE softens the substrate promoting adhesion on difficult to sand areas. 16 oz. Aerosol.
P/N 09-03576.........................$15.50

SEM VINYL PREP
SEM Vinyl Prep 38343 cleans soill, wax and grease from vinyl substrates while it softens and prepares the surface for adhesion of topcoat. Great for use with SEM flexible coatings. 16 oz. Aerosol.
P/N 09-03575..........................$13.85

SEM HIGH BUILD PRIMER SURFACER
Provides superior adhesion, film build and flexibility when priming automotive metal, aluminum, urethane, plastic and other similar substrates. 20 oz. Aerosol.
Gray......P/N 09-03788...............$19.50
White......P/N 09-03789...............$19.90

SEM SCUFF & CLEAN
38338 SEM SCUFF & CLEAN prepares bumpers or panels when refinishing or blending. It’s abrasive action improves adhesion of repair and refinishing materials. Pint.
P/N 09-03574..........................$18.95

SEM MANUAL
APPLICATOR GUN 1.7OZ
An easy loading applicator for dispensing 1.7 oz dual mix cartridges. Material is dispensed quickly and consistently.
P/N 09-03792..........................$59.65

SEM QUICK SET NOZZLE 1.7 OZ
Ensures proper mix ratios for 1.7 oz dual cartridges. Quantity 6 per package.
P/N 09-03793.........................$11.50

SEM QUICK SET
Opaque, fast curing urethane adhesive designed for automotive plastic repair. With a 20 or 50 second work time, an excellent choice for quickly repairing bumper brackets, tabs, headlight buckets and grills. It may also be used for bonding backer panels, moldings and emblems on all small plastic, metal and aluminum parts.
20 Second. P/N 09-03790...........$21.50
50 Second. P/N 09-03791...........$21.50

SEM PLASTIC REPAIR ADHESIVE
Bumper Repair 1oz cartridge, bonds to most automotive bumpers and problem plastics. P/N 09-03789.........................$14.90

SEM INTERIOR GRAINING PADS
Achieve the perfect repair with interior graining pads! These graininfg pads represent 6 of the most popular leather and vinyl grains in the automotive industry. For use with leather & vinyl repair compound.
P/N 09-03794..........................$8.95

SEM AEROSPACE SURE-COAT FLATTENER
Restores aircraft interior leathers, vinyl and plastics at a fraction of the cost of replacement. Cleans, repairs, and restores interiors to a like new condition without changing the aircraft’s burn certification.
P/N 09-03586..........................$54.82

SEM AEROSPACE SURE-COAT PINT MIXING SYSTEM
A watertube coating system offering excellent flexibility and outstanding adhesion for a variety of interior and exterior automotive, marine, aerospace and commercial applications. Allows the user to change or enhance the current color while maintaining the texture and look of leather, vinyl and plastic. It will not get brittle with age nor soften or crack within normal temperature ranges. Contains 9 toners and 3 clears that can be mixed color and dries quickly when brushed or sprayed. Also includes: Paint labels and A70034 Fleet Color Selector.
P/N 09-03585..........................$595.00

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

419
3M™ STIKIT™ DISC PAD 05575

For use with 5 diameter Stikit™ Discs. Has medium
density foam and a 45° tapered edge for flexibility.
These lightweight, shock-resistant pads have a vinyl face (blue) that provides excellent disc adhesion yet allows quick, easy removal.

<table>
<thead>
<tr>
<th>Color</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>5” x 3/4”</td>
<td>09-01535</td>
<td>$39.50</td>
</tr>
</tbody>
</table>

3M™ STIKIT™ DISC HAND PAD 11063

Use with 5 diameter Stikit™ Discs. Made with soft density foam for conformability. Has 1 inch wide strap for holding the pad to the operators hand.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>5” x 1”</td>
<td>09-01448</td>
<td>$15.80</td>
</tr>
</tbody>
</table>

3M™ STIKIT™ PAPER DISC ROLL 236U

Constructed of durable aluminum oxide; works well for most wood species. The open coat feature provides a more aggressive cut than a comparable closed coat abrasive of the same grade and a special loading resistant coating makes this disc a good choice when loading is a problem. The C weight, paper backing is more durable for extended disc life and harsher sanding applications.

<table>
<thead>
<tr>
<th>Style #</th>
<th>Grade</th>
<th>Weight</th>
<th>Size</th>
<th>Oty.</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>236U</td>
<td>P80</td>
<td>C</td>
<td>5” x NH</td>
<td>100</td>
<td>09-01572</td>
<td>$59.75</td>
</tr>
<tr>
<td>236U</td>
<td>P100</td>
<td>C</td>
<td>5” x NH</td>
<td>100</td>
<td>09-01573</td>
<td>$49.50</td>
</tr>
<tr>
<td>236U</td>
<td>P120</td>
<td>C</td>
<td>5” x NH</td>
<td>100</td>
<td>09-01574</td>
<td>$57.75</td>
</tr>
<tr>
<td>236U</td>
<td>P150</td>
<td>C</td>
<td>5” x NH</td>
<td>100</td>
<td>09-01575</td>
<td>$43.85</td>
</tr>
<tr>
<td>236U</td>
<td>P180</td>
<td>C</td>
<td>5” x NH</td>
<td>100</td>
<td>09-01576</td>
<td>$57.75</td>
</tr>
<tr>
<td>236U</td>
<td>P220</td>
<td>C</td>
<td>5” x NH</td>
<td>100</td>
<td>09-01577</td>
<td>$36.00</td>
</tr>
<tr>
<td>236U</td>
<td>P240</td>
<td>C</td>
<td>5” x NH</td>
<td>100</td>
<td>09-01578</td>
<td>$50.85</td>
</tr>
<tr>
<td>415U</td>
<td>80</td>
<td>A</td>
<td>5” x NH</td>
<td>125</td>
<td>09-01558</td>
<td>$13.00</td>
</tr>
<tr>
<td>415U</td>
<td>100</td>
<td>A</td>
<td>5” x NH</td>
<td>125</td>
<td>09-01559</td>
<td>$15.75</td>
</tr>
<tr>
<td>415U</td>
<td>120</td>
<td>A</td>
<td>5” x NH</td>
<td>125</td>
<td>09-01560</td>
<td>$42.75</td>
</tr>
<tr>
<td>415U</td>
<td>180</td>
<td>A</td>
<td>5” x NH</td>
<td>250</td>
<td>09-01562</td>
<td>$88.75</td>
</tr>
<tr>
<td>415U</td>
<td>220</td>
<td>A</td>
<td>5” x NH</td>
<td>250</td>
<td>09-01563</td>
<td>$131.50</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ GENERAL PURPOSE HAND PAD

Most universally used in a variety of applications. Excellent starting point to clean, finish, grain, denib and defuzz. May be used by hand, with a hand pad block, or on an in-line sander.

<table>
<thead>
<tr>
<th>Grade</th>
<th>ID</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MED</td>
<td>7440</td>
<td>09-01503</td>
<td>$1.20</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ HEAVY DUTY HAND PAD

Tight and dense, this pad is the most aggressive and durable web. Excellent for heavy cleaning, deburring, and finishing. May be used by hand, with a hand pad block or on an in-line sander.

<table>
<thead>
<tr>
<th>Grade</th>
<th>ID</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MED</td>
<td>7440</td>
<td>09-01504</td>
<td>$3.40</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ LIGHT DUTY CLEANSING PAD

Conformable web and fine mineral are excellent for fine finishes, light cleaning. Among our least aggressive abrasive hand pad. May be used by hand, with a hand pad block or on an in-line sander.

<table>
<thead>
<tr>
<th>ID</th>
<th>Grade</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>7445</td>
<td>VFIN</td>
<td>09-01415</td>
<td>$1.25</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ 5R RADIAL BRISTLE DISC

Bristles are idea for cleaning, blending and deburring.

2” P/N 09-01416 $4.35
3” P/N 09-01417 $4.90

3M™ ROLOC DISC PAD

Backup pad designed to support 3M™ Roloc™ 1-1/2 inch diameter abrasive discs. Conveniently mounts directly to tools with 1/4-20 EXT threaded shafts or used with Roloc™ shank to fit collet chuck tools.

P/N 09-02131 $14.50

3M™ WETORDRY™ PAPER SHEET 431Q

A silicon carbide Wetordry™ abrasive product constructed on a C weight, intermediate paper backing. Can be run wet or dry and 9” x 11” sheets.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>360</td>
<td>09-01526</td>
<td>$1.44</td>
</tr>
<tr>
<td>240</td>
<td>09-01529</td>
<td>$1.44</td>
</tr>
<tr>
<td>220</td>
<td>09-20600</td>
<td>$0.96</td>
</tr>
<tr>
<td>200</td>
<td>09-20530</td>
<td>$1.15</td>
</tr>
<tr>
<td>150</td>
<td>09-01532</td>
<td>$1.66</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ CLEAN AND FINISH

Flexible web for finishing, blending, and polishing. Conformable for access to hard-to-reach areas. Great for general use on a variety of materials. Use manually or on an in-line sander.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3M Clean and Finish Medium</td>
<td>09-01500</td>
<td>$124.75</td>
</tr>
<tr>
<td>3M Clean and Finish Fine</td>
<td>09-01501</td>
<td>$77.25</td>
</tr>
</tbody>
</table>

3M™ ROLOC™ DISC PAD ASSEMBLY

Rubber backup pads available in different degrees of hardness for varying grinding applications. Backup pad designed to support 3M™ Roloc™ abrasive discs. This pad has a 1/2-20 INT thread which allows it to be mounted directly to tools with 1/4-20 EXT threaded shaft or the included 1/4” diameter shank that fits 1/4” collet chucks or drill chucks.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>45902 - 3 Med Disc Pad and Shank</td>
<td>09-01557</td>
<td>$22.72</td>
</tr>
<tr>
<td>45903 - 5 Med Disc Pad and Shank</td>
<td>09-01558</td>
<td>$28.65</td>
</tr>
<tr>
<td>Replacement Parts</td>
<td>09-01559</td>
<td>$2.20</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ ROLOC™ TR SURFACE CONDITIONING DISC

A non-woven abrasive product used for cleaning, finishing, blending and deburring applications. A threaded attachment system secures the disc to the holder.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACRS</td>
<td>1.5”</td>
<td>09-01510</td>
<td>$0.85</td>
</tr>
<tr>
<td>AVFN</td>
<td>2”</td>
<td>09-01503</td>
<td>$1.20</td>
</tr>
<tr>
<td>AMED</td>
<td>3”</td>
<td>09-01511</td>
<td>$0.85</td>
</tr>
<tr>
<td>AVFN</td>
<td>3”</td>
<td>09-01512</td>
<td>$1.35</td>
</tr>
<tr>
<td>ACRS</td>
<td>4”</td>
<td>09-01505</td>
<td>$2.20</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ ROLOC™ TR EXL UNITIZED WHEEL

High performance and durability for deburring and finishing applications. Threaded attachment system secures the wheel to the holder.

<table>
<thead>
<tr>
<th>Size</th>
<th>Grade</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2”</td>
<td>MED</td>
<td>09-01514</td>
<td>$3.90</td>
</tr>
<tr>
<td>2”</td>
<td>MED 6A</td>
<td>09-01516</td>
<td>$4.35</td>
</tr>
<tr>
<td>3”</td>
<td>MED 2A</td>
<td>09-01515</td>
<td>$6.25</td>
</tr>
<tr>
<td>3”</td>
<td>MED 6A</td>
<td>09-01517</td>
<td>$7.25</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-BRITE™ ROLOC™ BRISTLE DISC

Brush-like bristle disc removes coarse coatings from the large, open areas of a work piece. Works on right angle tools quickly and easily with little or no pressure.

<table>
<thead>
<tr>
<th>Size</th>
<th>Grade</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2” x 5/8”</td>
<td>Tapered SHRD</td>
<td>09-01510</td>
<td>$7.95</td>
</tr>
<tr>
<td>2” x 5/8”</td>
<td>Tapered 50 GRDE</td>
<td>09-01518</td>
<td>$7.85</td>
</tr>
<tr>
<td>2” x 5/8”</td>
<td>Tapered 80 GRDE</td>
<td>09-01519</td>
<td>$7.85</td>
</tr>
</tbody>
</table>

3M PERFECT-IT FOAM POLISHING PAD

Double sided foam polishing pad with quick connect. Provides high-gloss shine. Use with A Quick Connect Adaptor. High Performance Black Foam Polishing Pad. Removes compound swirl marks and fine paint surface defects. Unique quick connect design. The Perfect-IT brand means this is 3M's highest performing double sided foam polishing pad.

P/N 09-03809 $26.70

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice
**3M™ ABRASIVES - ADHESIVES**

### 3M™ GREEN CORPS™ CUT OFF WHEEL

Wheel is designed to provide high cut rates and long life on most all materials including fiberglass, stainless steel, mild steel and aerospace alloys. Ideal for use on a wide variety of utility type cut off tools. Do not use on tools without guards.

<table>
<thead>
<tr>
<th>ID</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>01985</td>
<td>3”x1/2”x4/8”</td>
<td>09-01521</td>
<td>$6.50</td>
</tr>
<tr>
<td>01994</td>
<td>4”x1/2”x3/8”</td>
<td>09-01524</td>
<td>$5.30</td>
</tr>
<tr>
<td>82238</td>
<td>3”x1/2”x1/4”</td>
<td>09-01570</td>
<td>$6.45</td>
</tr>
<tr>
<td>88755</td>
<td>4”x1/2”x1/4”</td>
<td>09-01580</td>
<td>$4.60</td>
</tr>
<tr>
<td>01986-5</td>
<td>3”x1/16”x3/8”</td>
<td>09-01523</td>
<td>$30.50</td>
</tr>
</tbody>
</table>

### 1/2” thru hole.

Order P/N 12-01585.

**Light deburring 7S Fin 6 x 1 x 1.** This wheel has a 1” thru hole. To fit 1/2” Buffing Pad 1 - Step by Step Directions  PN 09-02109 $19.50

### 3M™ SCOTCH-BRITE™ DEBURRING WHEEL

Two Styles Available: Cut & Polish/Unitized Wheel - 7A Medium grade (harder) Use to radius and deburr edges of aluminum parts. These wheels give a uniform brushed satin finish to parts and deburr quicker and easier than hand finishing. These wheels are discs of Scotch-Brite web compressed and bonded to form a rugged, dense wheel. Wheel size: 6” dia. x 1” wide x 1/2” thick.

<table>
<thead>
<tr>
<th>ID</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 mL</td>
<td>Gray</td>
<td>09-01375</td>
<td>$21.60</td>
</tr>
</tbody>
</table>
| 9742     | 50 mL EPX Metal Applicator w/Plunger 09-01371 $62.25
| 09-01372 | $2.25 |
| 09-01380 | $2.10 |
| 09-01381 | $2.00 |

### 3M™ REPOSITIONABLE 75 SPRAY ADHESIVE

This adhesive provides tape-like bonds on many lightweight materials. It adheres in seconds, yet has an extra-long tack range that allows you to lift and reposition materials. 16 oz. Can.

P/N 09-01377 $19.90

### 3M™ SCOTCH-WELD™ URETHANE ADHESIVE DP601/ DP601NS

3M™ Scotch-Weld™ DP601 is a self-leveling, gray, rapid setting, two-component polyurethane adhesive. It is packaged as a 1:1 ratio liquids in duo-pak cartridges. With the squeeze of the trigger, the components are automatically mixed and easily dispensed as a bubble-free liquid. DP601NS is the same as the DP601 except it is a non-sag, gray, rapid setting, two-component polyurethane adhesive.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP601 (Self-Leveling)</td>
<td>50 mL</td>
<td>Gray</td>
<td>09-01413</td>
<td>$27.25</td>
</tr>
<tr>
<td>DP601NS (Non-Sag)</td>
<td>50 mL</td>
<td>Gray</td>
<td>09-01412</td>
<td>$15.50</td>
</tr>
</tbody>
</table>

### 3M™ HEADLIGHT LENS RESTORATION SYSTEM

With the 3M™ Headlight Lens Restoration System, you will use a 1200-1600 rpm drill equipped with a backup pad and sanding discs to remove the yellowed layer from the headlight lens surface. A higher rpm drill could generate excessive heat and can cause damage to the headlight lens that is difficult to remove. A lower rpm drill does not work efficiently for this process. Two sanding steps will follow to refine or reduce the sand scratches that are made when removing the yellowed layer. Finally, 3M™ Headlight Lens Polish and a foam pad will remove the fine scratches and put the final clarity on the headlight lens. Kit Includes: 1 - Disc Pad Holder 1 - 3M™ Soft Interface Pad 6 - 3M™ Sanding Discs 4 - 3M™ Finishing Discs 1 - 3M™ Trizact™ Disc 1 - 3M™ Headlight Lens Polish, 1oz 1 - Buffing Pad 1 - Step by Step Directions PN 09-02109 $19.50

### 3M™ HI-STRENGTH 90 SPRAY ADHESIVE

High strength, fast contact-type adhesive. Fast contact strength buildup for many decorative laminates. Only needs 1 minute of drying time.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 oz</td>
<td>09-01376</td>
<td>$24.85</td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP125 DUO-PAK

Two-part epoxy adhesive with a 1:1 mix ratio, 25 minute work life and exhibits very high peel strength. Moderately flexible and the gray version has exceptional shear adhesion. Use to bond rubber, metal, wood, plastics, and masonry products.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7 oz</td>
<td>Gray</td>
<td>09-01403</td>
<td>$25.65</td>
</tr>
<tr>
<td>1.7 oz</td>
<td>Translucent</td>
<td>09-01402</td>
<td>$23.50</td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP100 PLUS

Exhibits much higher shear and peel strengths compared to DP100 Adhesive. It has a 1:1 mix ratio, a 4 minute work life, and is slightly flexible when cured. Clear in color. 1.7 oz. package.

P/N 09-01401 $21.50

### 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP190 DUO-PAK

A flexible, two-part adhesive that cures at room temperature and provides high strength bonds with good performance in shear and peel. Can be used to bond rubber, metal, wood, most plastics, and masonry products.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7 oz</td>
<td>Gray</td>
<td>09-01375</td>
<td>$21.60</td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH-WELD™ EPX™ APPlicATORS AND ACCESSORIES

Mixing nozzle will perform to your requirements. With consistent air pressure for easy uniform application, the Duo-Pak cartridge will give you the flow rate needed. Fast, convenient way to simultaneously meter, mix and apply two-part adhesives and potting compounds. System features handy 3M™ Scotch-Weld™ EPX™ Cartridges that snap quickly into the durable, lightweight Scotch-Weld™ EPX™ applicator. A slight squeeze on the trigger advances the plunger into the cartridge. Accurate measurement and the mixing nozzle provides thorough mixing and precise placement of material. Ideal system for assembly, maintenance and in-field service.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
</table>
| 50 mL  | EPX Metal Applicator w/Plunger 09-01371 $62.25
| 50 mL  | EPX Mixing Nozzle 9742 09-01372 $2.25

### 3M™ SCOTCH-WELD™ EPX™ PLUS II APPLICATOR

This Plunger is for the Scotch-Weld™ EPX™ Plus II Applicator. The Scotch-Weld™ EPX™ Plus II Applicator is used to Dispense 3M™ Scotch-Weld™ Adhesives in Duo-Pak Cartridges. The applicator is a low-cost portable, self contained metering, mixing and dispensing machine that simultaneously meters and mixes two-part adhesives as the material is applied. P/N 09-01380 $75.75

50 mL Mixing Nozzle 9742 09-01372 $2.25

### 3M™ SCOTCH-WELD™ EPX™ APPLICATOR NOZZLE

Applicator nozzle designed for both the 200 mL and 400 mL applicators.

P/N 09-01408 $3.35
### 3M™ Adhesives

**3M™ Scotch-Weld™ Epoxy Adhesive 2216 B/A**

A flexible, two part, room temperature curing epoxy with high peel and shear strength. Scotch-Weld epoxy adhesive 2216 B/A is identical to 3M™ Scotch-Weld™ Epoxy Adhesive EC-2216 B/A in chemical composition. Scotch-Weld epoxy adhesive 2216 B/A may be used for aircraft and aerospace applications if proper Certificates of Test have been issued and material meets all aircraft manufacturer’s specification requirements. 24 month shelf life.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 oz.</td>
<td>Gray</td>
<td>Adhesive 2216 B/A</td>
<td>02-00045</td>
<td>$47.50</td>
</tr>
<tr>
<td>Pint</td>
<td>Gray</td>
<td>Adhesive 2216 B/A</td>
<td>02-00113</td>
<td>$149.85</td>
</tr>
<tr>
<td>Quart</td>
<td>Gray</td>
<td>Adhesive 2216 B/A</td>
<td>02-00114</td>
<td>$198.75</td>
</tr>
</tbody>
</table>

**3M™ Scotch-Weld™ Instant Adhesive CA40H**

One-part, high strength, very fast setting adhesive cures at room temperature. Adheres to difficult to bond substrates such as EPDM rubber, aluminum, and flexible vinyl. Comes in a 1 oz. Bottle. Clear.

P/N 09-01368 .................. $27.25

**3M™ Scotch-Weld™ Instant Adhesive CA8**

This instant adhesive has a fast set time of 5 to 40 seconds. Excellent adhesion on metal, plastic and rubber. Bonds resist shock and impacts. A cyanoacrylate adhesive. Comes in a 1 oz. bottle.

P/N 09-01366 .................. $27.75

**3M™ Scotch-Weld™ Instant Adhesive Surface Activator**

It is ideal for use with all 3M Cyanoacrylate Adhesives for a broad range of industrial and electronic applications. It is also ideal for use with CA-5, CA-9, or CA-50 Gel for many wire oakling and coil terminating applications.

P/N 09-01407 .................. $15.00

**3M™ Scotch-Grip HP Contact Adhesive 1357**

A high performance contact adhesive that provides a long bonding range and excellent initial strength.

1357 Grey/OLIV .................. P/N 09-01362 .............. $99.75
1357 Neutral 1G ................. P/N 09-01373 .............. $118.75

**3M™ Scotch-Grip Rubber Adhesive 1300**

Lower viscosity, sprayable version of Scotch-Weld Neoprene High Performance Rubber and Gasket Adhesive 1300. Has excellent adhesion to metal, baked enamel, wood, most plastics, and neoprene, reclaim, SBR, and butyl rubber, not for EPDM rubber.

Attention: Volatile Organic Compounds (VOCs) Government Regulations: Product cannot be purchased, sold or used in the states listed below. CA, CT, DC, DE, IL, IN, ME, MD, MA, NH, NJ, NY, OH, PA, RI, VA

<table>
<thead>
<tr>
<th>UPC</th>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1300L</td>
<td>1 qt.</td>
<td>YELLOW</td>
<td>09-27220</td>
<td>$45.50</td>
</tr>
<tr>
<td>1300L</td>
<td>Gallon.</td>
<td>YELLOW</td>
<td>09-01712</td>
<td>$127.75</td>
</tr>
<tr>
<td>1300L</td>
<td>5 Gallon</td>
<td>YELLOW</td>
<td>09-01713</td>
<td>$469.00</td>
</tr>
<tr>
<td>1300</td>
<td>5 oz.</td>
<td>YELLOW</td>
<td>09-01708</td>
<td>$17.50</td>
</tr>
<tr>
<td>1300</td>
<td>Quart</td>
<td>YELLOW</td>
<td>09-01709</td>
<td>$51.75</td>
</tr>
<tr>
<td>1300</td>
<td>Gallon.</td>
<td>YELLOW</td>
<td>09-01710</td>
<td>$142.75</td>
</tr>
<tr>
<td>1300</td>
<td>5 Gallon</td>
<td>YELLOW</td>
<td>09-01711</td>
<td>$579.00</td>
</tr>
</tbody>
</table>

**3M™ Scotch-Grip™ Contact Adhesive**

A brushable, neutral-colored contact adhesive for bonding many decorative laminates, aluminum, steel, plywood, panels, wood and wood veneer, masonry, rubber, canvas and other porous and non-porous materials to each other or to themselves.

P/N 09-01364 .................. $28.50

**3M™ Scotch-Grip™ Rubber and Gasket Adhesive 847**

This fast drying adhesive develops strength very quickly. It has excellent heat resistance; temperature performance is from -5 to 300F. Meets specification requirements of MIL-A-1154C. Bonds neoprene, reclaim, SBR, and butyl rubber to metal, wood, most plastics, and many other products. 5oz. Tube. reddish Brown in Color.

P/N 09-01361 .................. $17.50

**Super Door Seal Adhesive**

Super adhesive for door seals and other applications. Many customers have had difficulty finding EC1300L adhesive (or equivalent). Search no more! This super adhesive has exceptional bonding strength, is fast drying, and firmly bonds the seals making your installation easier! They recommend you order the adhesive when you order your new seals. One tube is enough for installing all the seals on your aircraft when applied in accordance with the seal installation instructions. A free acid brush is included with each order.

P/N 09-27200 .................. $6.95

**3M™ Finishes-It™ Finishing Material 81235**

Specially designed compounds and polishes to be used on OEM and baked refinish paints to remove sand scratches or to remove swirl marks from previously compounded areas. 1qt. bottles.

P/N 09-01451 .................. $27.60

**3M™ Finishes-It™ Natural Buffing Pad**

The 3 inch buffing pad is designed to get you into tight areas not accessible with a conventional polisher. Pads are hook-and-loop backed. Pads are sold each.

P/N 09-01452 .................. $4.10
### 3M™ PRODUCTS-CLEANERS

**3M™ PERFECT-IT PAINT FINISHING SYSTEM**
Improve buffing and polishing productivity - and finish faster with more consistent results. Includes the following: • 3M Perfect-It Rubbing Compound - P/N 09-02999 • 3M Perfect-It Low-linting Wool Compound Pad - P/N 09-03001 • 3M Perfect-It Machine Polish - P/N 09-03004 • 3M Perfect-It Foam Polishing Pad - P/N 09-03005 • 3M Perfect-It Ultraline Machine Polish - P/N 09-03006 • 3M Perfect-It Ultraline Foam Polishing Pad - P/N 09-03007. Items are also sold separately.

P/N 09-03010.......................... $284.95

**3M™ PERFECT-IT™ SHOW CAR PASTE WAX**
Ultra high gloss paste wax with exceptional durability for use on automotive paints. Shines and protects new and like new paint finishes, producing a deep high gloss, lustrous, durable, “wet look” finish.

P/N 09-01443.......................... $20.70

**3M™ PERFECT-IT™ BACKUP PAD**
Enables 3M™ Superbuff™ Compound Pad users to use the 3M™ Perfect-It™ Foam Polishing Pad without having to remove the 3M™ Superbuff™ Adaptor 05710 from the shaft of the polisher. Fits all standard 5/8 in shaft slow-speed polishers. 7” x 3/4”.

P/N 09-01426.......................... $44.75

**3M™ AVIATION RUBBING COMPOUND**
Effectively refines scratches in business jet cabin clear coats using polyesters and polyurethanes. Also used for refining scratches on painted aircraft surfaces created during the defect removal process, as well as removing paint oxidation on painted aircraft surfaces. Can be used on aircraft cabinetry or painted surfaces. *No Silicone *Non-corrosive

P/N 09-02173.......................... $19.85
SuperBuff Buffering pad 05703.......................... $27.90

**3M™ WHITE GREASE 8875 (LITHIUM LUBE)**
Long-lasting lubrication, easy spray viscosity. Won’t drip or run. Resists “washing out” if exposed to road spray. 10.5 oz. Can.

P/N 09-01445.......................... $8.50

**3M™ OVERSPRAY PROTECTIVE SHEETING MASKER**
Portable masker designed to dispense Overspray Protective Sheeting (PN06727). Can be used horizontally, vertically or wall mounted. Spring loaded end frame designed for easy loading of Overspray Protective Sheeting. Paper is not included with masker.

P/N 09-01441.......................... $102.50

**3M™ LIGHTWEIGHT BODY FILLER**

1 Qt........................... $11.50
1 Gal.......................... $21.60

**3M™ FLOWABLE FINISHING PUTTY**
Tack-Free and Stain Resistant. Two component, self-leveling putty designed for use as a “skin” coat over plastic filler to fill pinholes, sand scratches, low areas or other imperfections. Available in quart and handy squeeze dispenser — no mess. Fills pinholes in body fillers and small imperfections in metal and fiberglass. Cures tack-free in 30 minutes. Flowable, brushable. Easiest spreading 3M™ Polyester Putty. Minimizes staining that can occur with basecoat/clearcoat systems over body filler. Vacuum processed to minimize pinholes. Excellent adhesion to galvanized, aluminum and thoroughly cured and sanded factory-applied paint surfaces.

P/N 09-01432.......................... $36.50

**3M™ SHORT STRAND FIBERGLASS REINFORCED FILLER**
Contains chopped fiberglass. Repairs holes, cracks and tears in fiberglass. Repairs holes in metal. Smooth spreading. Waterproof. Can be used with Fiberglass Mat (PN05837) or Fiberglass Cloth (PN05838) to reinforce large repair areas.

1 Gal. Can.......................... $47.50

**3M™ ADHESIVE REMOVER CITRUS BASE**
A liquid cleaner/degreaser that can be used to dissolve and remove dirt, grease, tar, and many non-curing type adhesives. It can also be used to degrease substrates for adhesive bonding in place of many chlorinated or petroleum-based solvents.


**3M™ 5-WAY PENETRANT**
Multi-purpose product that is effective as a demoisstant - displaces moisture and “dries out” electrical apparatus. 24 oz. Can. Light Amber in color.

P/N 09-01370.......................... $16.25

**3M™ SCOTCHGARD SPOT REMOVER AND UPHOLSTERY CLEANER**
Designed to clean carpets and upholstery. Releases both oil and similar materials. Will not harm paint, vinyl or fabrics when properly used. 12 oz. Can. Pale yellow in color. P/N 09-01435.......................... $8.50

**3M™ STAINLESS STEEL CLEANER AND POLISH**
Ideally suited for stainless steel, chrome, laminated plastics and aluminum surfaces. With a high-gloss formula, it wipes clean with no streaks or buildup, resists fingerprints and masks surface blemishes. Pleasant lime fragrance. Contains no petroleum distillates.

P/N 09-01721.......................... $12.25

**3M™ ADHESIVE REMOVER CITRUS BASE**
Provides easy clean up of most types of adhesives. Quickly removes waxes, road tar, grease, oil and similar materials. Will not harm paint, vinyl or fabrics when properly used. 24 oz. Can. Pale yellow in color.

P/N 09-01436.......................... $4.75

**3M™ PRODUCTS-CLEANERS**

Prices Subject to Change Without Notice
3M™ Fasteners - Safety Tape

3M™ Scotchmate™ Velcro Fastening Tapes

Reclosable Fastener Hook

It's as simple as pressing together and pulling apart. When your product calls for thousands of easy openings and closings, 3M™ Scotchmate™ Reclosable Fasteners pull through for your. Tiny, stiff hooks mesh with pliable loops for quick secure fastening. In addition, provide a solution as strong as you need. No adhesive, nylon and sewable hook so can be easily attached to many substrates. Sold by the foot.

Velcro Fastening Tape 2" Black
P/N 09-22223 $1.85

Hook 2" SJ3402
P/N 09-01388 $1.36

Loop 2" SJ3401
P/N 09-01387 $0.51

Velcro Fastening Tapes

Consists of a set of 2 mating 1" wide black Nylon tapes, which, when pressed together, lock tightly and hold until peeled apart. Tapes have pressure-sensitive adhesive backs. Ideal for use in cockpit to mount pilot supplies or as an upholstery and rug attachment. An effective fastening material - applications are unlimited. Sold by the yard.

Velcro Fastening Tape 1" Black
P/N 09-31400 $6.75

Loop 1" SJ3571
P/N 09-00251 $3.60

Hook 1" SJ3572
P/N 09-00250 $3.60

3M Scotchmate 2" Loop SJ3572

It's as simple as pressing together and pulling apart. When your product calls for thousands of easy openings and closings, 3M™ Scotchmate™ Reclosable Fasteners pull through for your. Tiny, stiff hooks mesh with pliable loops for quick secure fastening. In addition, Scotchmate reclosable fasteners are backed with 3M adhesive technology expertise which range from rubber adhesives to high performance, double-coated foam tape which can be adhered to most surfaces to provide a solution as strong as you need. Premium performance nylon hook with VHB™ Tape for high temperature resistance and great shear performance. Sold by the foot.

Velcro Fastening Tape 2" Black
P/N 09-01656 $8.90

2" Loop SJ3572
P/N 09-01653 $2.29

Hook 2" SJ3572
P/N 09-01652 $6.95

3M™ Safety Walk Sheet

A durable, mineral coated, non-slip fabric for wing walks. Waterproof, weather-proof and unaffected by vibrations, heat, cold, gasoline or oil. Assures safe footing. Pressure-sensitive backing should have additional coating of 3M 1300L (located on pg 388) to assure adhesion for aircraft applications.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Walk 510 2&quot; W</td>
<td>09-01485</td>
<td>$2.35</td>
</tr>
<tr>
<td>Safety Walk 510 4&quot; W</td>
<td>09-01486</td>
<td>$2.40</td>
</tr>
</tbody>
</table>

General Purpose

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Walk 24 INCH W</td>
<td>09-31675</td>
<td>$9.95</td>
</tr>
<tr>
<td>Safety Walk 610 2&quot; W</td>
<td>09-01482</td>
<td>$1.80</td>
</tr>
<tr>
<td>Safety Walk 610 4&quot; W</td>
<td>09-01483</td>
<td>$1.82</td>
</tr>
<tr>
<td>Safety Walk 610 12&quot; W</td>
<td>09-32250</td>
<td>$5.35</td>
</tr>
</tbody>
</table>

3M™ Ear Plugs 1100

Smooth dirt resistant surface, tapered design to fit the ear canal, provide added comfort and hygiene. Hypo-allergenic material. Each box contains 200 pairs, and each package is easy to dispense. Noise Reduction Rating: 29dB.

P/N 09-01493 $0.25

3M Flame Retardant Velcro Fastener

Flame resistant, rubber adhesive, nylon, woven loop reclosable fastener and meets F.A.R. 25.853 paragraph (a)(1)(i) 60 second vertical burn test. Mates with SJ3519FR, black. This flame resistant product is coated with a unique flame resistant synthetic rubber based adhesive. High temperature performance. Bonds well to paper and cardboard, paint, bare and painted metal, glass, sealed wood and many plastics.

Hook 2" x 50 yds.
P/N 09-02598 $219.95

Loop 2" x 50 yds
P/N 09-02597 $219.95

3M™ Glass Cloth Tape 398FRP

Flame Retardant Sealing Tape 398FRP is a glass cloth tape with an acrylic adhesive for many applications requiring high adhesion, an abrasion-resistant backing and flame retardant properties. The tape meets flame retardancy requirements of F.A.R. 25.853.

2" x 36 yards
P/N 09-01728 $47.99

3" x 36 yards
P/N 09-02135 $68.85

3M™ Flame Retardant VHB Tape

A flame retardant, very conformable, double-sided, pressure-sensitive, closed-cell acrylic foam tape with a PE film liner. Bonds high, medium and medium/low surface energy substrates. Provides handling convenience, cushioning, damping, and impact resistance. 40 mil thick. Black color.

3" X 3 ft.
P/N 09-03054 $29.99

3M™ Carpet Tape 9377 2 Inch X 25 YARD

3M 9377 Tape has a differential adhesive system with a high-tack acrylic that bonds to the top-layer substrate and a rubber-based adhesive system that attaches to the flooring material. One side is black and attaches to the flooring material with an acrylic-based adhesive. The white side of the tape is a rubber-based adhesive that provides a bond to the floor surface. Firm application pressure helps develop better adhesive contact and improve bond strength. The bond strength will build over time reaching maximum strength at 72 hours. FAR-25-853

P/N 09-02133 $44.90

3M™ Scotch® Super 33+D Vinyl Electrical Tape Dispenser

A premium grade vinyl electrical insulating tape, its aggressive adhesive and elastic backing ensure easy, water-resistant conformation to irregular surfaces in low temperatures, yet will not ooze or melt in high temperatures. 3/4" wide X 33' Long.

P/N 09-01465 $5.60
3M™ TAPE - MASKING

### 3M™ SCOTCH® FINE LINE TAPE 218

This 3M tape is particularly suitable for pin striping, multicolor and other custom painting applications. It is a thin, conformable green polypropylene film tape with a special finish that resists paint runoff. The adhesive adheres instantly and offers good holding power, handling convenience, cushioning, damping and impact resistance. It provides excellent age life and is ideal for harsh, long-term outdoor environments. Meets F.A.R 25.853(a), O447. **Sold by the Foot**

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8”</td>
<td>60 Yards</td>
<td>09-20200</td>
<td>$20.65</td>
</tr>
<tr>
<td>1/4”</td>
<td>60 Yards</td>
<td>09-20300</td>
<td>$9.95</td>
</tr>
<tr>
<td>3/8”</td>
<td>60 Yards</td>
<td>09-20350</td>
<td>$25.50</td>
</tr>
<tr>
<td>1/2”</td>
<td>60 Yards</td>
<td>09-20400</td>
<td>$11.85</td>
</tr>
<tr>
<td>3/4”</td>
<td>60 Yards</td>
<td>09-20500</td>
<td>$15.50</td>
</tr>
<tr>
<td>1”</td>
<td>60 Yards</td>
<td>09-01348</td>
<td>$17.75</td>
</tr>
</tbody>
</table>

### 3M™ ALUMINUM FOIL TAPE 425

Dead-soft aluminum foil tape. Applications include masking of sensitive components to protect from damage during aircraft paint stripping. In white goods appliances, tape provides an excellent moisture barrier, helps reflect and dissipate heat.

<table>
<thead>
<tr>
<th>Size</th>
<th>P/N</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5” x 60 Yards</td>
<td>09-01382</td>
<td>$39.85</td>
</tr>
<tr>
<td>1” x 60 Yards</td>
<td>09-01381</td>
<td>$28.70</td>
</tr>
<tr>
<td>2” x 60 Yards</td>
<td>09-01383</td>
<td>$56.75</td>
</tr>
<tr>
<td>3” x 60 Yards</td>
<td>09-01385</td>
<td>$82.75</td>
</tr>
<tr>
<td>3/4” x 60 Yards</td>
<td>09-01386</td>
<td>$21.75</td>
</tr>
</tbody>
</table>

### 3M™ ALUMINUM PROP TAPE 427

3M™ Aluminum Foil Tape 427, dead-soft aluminum foil backing, excellent heat and light reflection to protect against high temperatures and U.V. degradation. The foil also serves as an excellent barrier against moisture, dust, flame, and certain chemicals as used in aircraft paint stripping masking. Acrylic adhesive supplies superior temperature, U.V. and solvent resistance. It provides excellent age life and is ideal for harsh, long-term outdoor environments. Meets F.A.R 25.853(a), O447. **Sold by the Foot**

<table>
<thead>
<tr>
<th>P/N</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-04831</td>
<td>$0.60</td>
</tr>
</tbody>
</table>

### 3M™ VHB™ TAPE 4950

45.0 mil thick, white closed cell acrylic foam carrier with all purpose acrylic adhesive and paper liner. High strength, handling convenience, cushioning, damping and impact resistance. UL listing 746C.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1” x 36 Yards</td>
<td>White</td>
<td>09-01360</td>
<td>$103.95</td>
</tr>
<tr>
<td>2” x 36 Yards</td>
<td>White</td>
<td>09-01389</td>
<td>$229.50</td>
</tr>
</tbody>
</table>

### 3M™ VINYL TAPE

3M™ Vinyl Tape 471, ideal for masking, wrapping or sealing many curved or irregular surfaces, excellent for many lane and safety marking applications, ideal for color coding, abrasion protection, decoration and splicing applications.

<table>
<thead>
<tr>
<th>Color</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue</td>
<td>2” x 36 Yards</td>
<td>09-01344</td>
<td>$17.90</td>
</tr>
<tr>
<td>Black</td>
<td>2” x 36 Yards</td>
<td>09-02179</td>
<td>$37.85</td>
</tr>
<tr>
<td>Yellow</td>
<td>1” x 36 Yards</td>
<td>09-01338</td>
<td>$10.95</td>
</tr>
<tr>
<td>White</td>
<td>1” x 36 Yards</td>
<td>09-02076</td>
<td>$18.50</td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH® SAFERELEASE™ BLUE PAINTERS MASKING TAPE 2090

Ideal for long-term masking projects when tape must be left on for up to a week. Removes cleanly and easily for up to seven days without leaving adhesive residue.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4”</td>
<td>09-01420</td>
<td>$3.60</td>
</tr>
<tr>
<td>1-1/2”</td>
<td>09-01422</td>
<td>$6.80</td>
</tr>
<tr>
<td>1”</td>
<td>09-01421</td>
<td>$4.30</td>
</tr>
<tr>
<td>2”</td>
<td>09-01423</td>
<td>$8.75</td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH® STEEL GRAY MASKING PAPER

Strong, flexible and pliable. Formulated to resist penetrations of solvents, lacquers or enamels. Comes in 1000 rolls.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray Masking Paper 12”</td>
<td>09-01353</td>
<td>$56.90</td>
</tr>
<tr>
<td>Gray Masking Paper 18”</td>
<td>09-01354</td>
<td>$86.80</td>
</tr>
<tr>
<td>Gray Masking Paper 24”</td>
<td>09-01355</td>
<td>$114.75</td>
</tr>
<tr>
<td>Gray Masking Paper 36”</td>
<td>09-01356</td>
<td>$161.75</td>
</tr>
</tbody>
</table>

Prices Subject to Change Without Notice
### 3M™ PRODUCTS

#### 3M™ SCOTCH-WELD™ THREADLOCKER

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>THREADLOCKER 3493 PURPLE</td>
<td>50 mL</td>
<td>09-01628</td>
<td>$24.95</td>
</tr>
</tbody>
</table>

#### 3M™ NOVEC™

**FLUX REMOVER** - Effectively removes rosin solder fluxes, waxes and similar contaminants found in electronics manufacturing and repair. Based on proprietary 3M solvent technology; it is non-flammable, non-ozone depleting and contains no HCFCs, HFCs, nPB or HAPs. 12oz can, 6 can per case.

| PN 09-01702 | $18.90 |

**CONTACT CLEANER** - Effectively removes light oils, greases, silicones, dust and particulates from sensitive electrical and electronic equipment. It is compatible with plastics, is non-flammable, non-ozone depleting and contains no HCFCs, HFCs, nPB or HAPs. 11oz can, 6 can per case.

| PN 09-01704 | $21.75 |

**ELECTRONIC DEGREASER**

Effectively removes oils, greases adn handling soils from electric motors, electrical equipment, precision devices and other electromechanical or sensitive devices. Based on proprietary 3M solvent technology; it is non-flammable, non-ozone depleting and contains no HCFCs, HFCs, nPB or HAPs. 12oz can, 6 can per case.

| PN 09-01703 | $21.50 |

#### 3M™ BODY FILLERS

3M premium fillers with adhesion promoters, offer the very best in all-around performance. Our premium fillers adhere to virtually any surface including wood, metal, aluminum, galvanized steel, fiberglass and concrete. They are also non-staining, non-shrinking, creamy and are great for building plugs, patterns, molds, prototypes and general repair to composite parts. 3M premium fillers are easy to sand and are manufactured with only the highest quality ingredients.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marson™ Platinum™ Body Filler</td>
<td>Gallon</td>
<td>01-01091</td>
<td>$39.75</td>
</tr>
</tbody>
</table>

#### REINFORCED FILLERS

3M’s line of reinforced filler products offers users a unique and flexible array of repair solutions. Each product is reinforced with short fiberglass strands, long fiberglass strands or milled fiberglass. These reinforced fillers are significantly stronger than regular fillers and are waterproof. Great for repairing fiberglass and rust holes in metal.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynatron™ Ultra-Glass™ Reinforced Filler</td>
<td>Quart</td>
<td>01-01097</td>
<td>$14.75</td>
</tr>
<tr>
<td>Dynatron™ Ultra-Glass™ Reinforced Filler</td>
<td>Gallon</td>
<td>01-01098</td>
<td>$30.50</td>
</tr>
<tr>
<td>Dynatron™ Dyna-Glass™ Reinforced Filler</td>
<td>Quart</td>
<td>01-01073</td>
<td>$18.50</td>
</tr>
<tr>
<td>Dynatron™ Dyna-Hair™ Reinforced Filler</td>
<td>Gallon</td>
<td>01-01103</td>
<td>$39.50</td>
</tr>
</tbody>
</table>

#### STANDARD BODY FILLERS

3M standard fillers are the economical choice for gap filling, fairing, smoothing and general repair. They are also great for plug, pattern and tooling departments for creating and building shapes, curves and intricate elements to molds and patterns. They are easy to mix, apply, and sand, and have a quick cure time. Great for quick repairs to fiberglass, wood, metal concrete and aluminum.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynatron™ Dynalite™ Body Filler</td>
<td>Quart</td>
<td>01-01072</td>
<td>$31.17</td>
</tr>
<tr>
<td>Dynatron™ Dynalite™ Body Filler</td>
<td>Gallon</td>
<td>01-09368</td>
<td>$29.75</td>
</tr>
</tbody>
</table>

#### 3M™ PAINT PREPARATION SYSTEM (PPS™)

**CUP AND COLLAR, 16023**

3M™ PPS™ Cup and Collar, 16023 Large hard cup that supports and holds the PPS large flexible liner, part number 16024. If filled to the top, this cup will hold 32 fl oz.

| P/N 09-01717 | $23.50 |

**CUPS & COLLARS 16115**

Small, hard cup that supports and holds the PPS small flexible liner, part number 16000.

| P/N 09-01715 | $34.90 |

**CUPS & COLLARS 16001**

Adaptor converts DeVilbiss TGHV 530 Siphon Feed and all Full Size Siphon Feed Guns with North American 3/8 Female-18 Thread NPS guns for use with 3M™ Paint Preparation System.

| P/N 09-01716 | $26.55 |

**LARGE MICRON FILTER KIT**

PPS™ is a complete painting system from 3M™ which produces cleaner jobs, saves on solvent usage and gun cleaning time and can improve operator efficiency by as much as 15%. Specifically designed adapters allow painters to use the PPS™ system with virtually any spray gun.

Kit contains 25 disposable lids with 200 micron filters, 25 disposable liners, and 10 sealing plugs. The 200 micron filters are recommended for traditional solvent based paint or primer applications. Graduated measurement to 28 oz/840 mL - with mix ratio film insert - . Maximum capacity of 32 oz/950 mL when filled to within 1/8 inch of rim.

| P/N 09-01718 | $68.75 |

**MINI MICRON FILTER KIT**

Kit contains 50 disposable lids with 200 micron filters, 50 disposable liners, and 20 sealing plugs. The 200 micron filters are recommended for traditional solvent based paint or primer applications. Graduated measurement to 5 1/2 oz - with generic mix ratio film insert - . Max. capacity of 6 fl oz.

| P/N 09-01719 | $96.75 |

Prices Subject to Change Without Notice

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823
3M™ ACCUSPRAY SPRAY GUN
Introducing the 3M™ Accuspray™ System, the equivalent of having a brand new primer spray gun for a fraction of the cost. Provides the equivalent of a brand new primer spray gun for a fraction of the cost.
Kit contains 1 spray gun, 3 atomizing heads and 1 air flow control valve.
The innovative replaceable atomizing head allows for the following benefits: • Reduces Primer Consumption: minimizes overspray • Boosts Productivity: lowers primer spraying time, decreases primer sanding time, reduces clean-up • Maximizes Benefits of the 3M™ PPS™ System: reduces gun cleaning time, uses less solvent for clean up, decreases hazardous disposal cost, improves productivity and profitability
HG09 Gun.......................................................................................................................... P/N 09-03016 $156.95
Head Refill Kit.................................................................................................................. P/N 09-03060 $17.50

3M™ ROLOC BRISTLE DISK KIT
Convenient introductory pack contains a variety of grades of Roloc™ Bristle Discs 2-inch diameter x 5/8-inch trim with a disc pad holder for an optimized finish.
2" Disc............................................................................................................................... P/N 09-03014 $80.75
3" Disc............................................................................................................................... P/N 09-03015 $109.50

3M™ PAINT BUSTER HAND CLEANER
3M Paint Buster Hand Cleaner is a non-toxic and non-caustic cream-type hand cleaner that removes enamel and urethane paints, varnish, lacquer, putties, and adhesives. Superior performance without the use of skin damaging solvents. Almost no odor, non runny, easy-to-squeeze tube. 9.75 oz Tube......................................................................................... P/N 09-03018 $19.50

3M™ TARTAN TAPE DISPENSER GUN
3M Tartan™ Box Sealing Hand Dispenser is an economical, easy to use box sealing tape dispenser. It applies 3 inch (72 mm) box sealing tape. P/N 09-03019 $25.50

ORDER ONLINE!
www.aircraftspruce.com
• 80,000 Parts!
• 24 Hour Access!
• Fast, Easy Navigation!

3M™ 2-STEP AVIATION WINDOW RESTORATION SYSTEM KIT
Removes scratches, hazing and other imperfections from acrylic and polycarbonate aircraft windows. Restores clarity and keeps windows looking “factory-new!”
The 3M™ Aviation Window Restoration System by Clearfix™ Aerospace is an easy to use, three-step process designed specifically for use on acrylic and polycarbonate aircraft windows.
The first two steps restore clarity and optical properties by removing scratches, hazing and other imperfections incurred in normal use, degradation due to suncaused oxidation, and scratching from sand and salt crystals. The final step puts down a tough barrier coating that provides durable, effective UV protection.
Just prep, apply and fly! With this easy-to-use system, your windows can be restored to like-new condition without the hassle of removing them. And it’s fast – 60 minutes after application, you’re ready to fly! P/N 13-13064 $374.00

3M™ FINISHING GLAZES
3M finishing glazes are the right choice when contouring and finishing surfaces or repairing minor surface imperfections prior to painting. Each product is self-leveling and easy to apply and sand. They will not stain/bleed through paint and adhere to most surfaces, including primed and painted surfaces.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynatron™ Dyna Maxx™ Finishing Glaze</td>
<td>24fl. oz Tube</td>
<td>01-01094</td>
<td>$30.50</td>
</tr>
<tr>
<td>Dynatron™ Xtra Glaze™ Finishing Glaze</td>
<td>24fl. oz Tube</td>
<td>01-01095</td>
<td>$18.50</td>
</tr>
<tr>
<td>Dynatron™ Dyna-Glaze™ Finishing Glaze</td>
<td>24fl. oz Tube</td>
<td>01-01096</td>
<td>$23.50</td>
</tr>
</tbody>
</table>

3M™ SPREADERS
A special, flexible spreading edge makes precise application of body fillers, putties and glazes a breeze. Cured body filler will easily pop off the spreader, allowing it to be reused.

<table>
<thead>
<tr>
<th>Description</th>
<th>Color</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynatron™ Spreader</td>
<td>Yellow</td>
<td>3&quot; x 4&quot;</td>
<td>01-01105</td>
<td>$0.75</td>
</tr>
</tbody>
</table>

3M™ MIXING BOARDS
Clean, wax-free surface for mixing body filler. Cured body filler can be easily removed, allowing repeat uses or use the disposable paper board that offers a non-porous, wax-free surface and easy disposal.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynatron™ Mixing Board</td>
<td>12” x 11½”</td>
<td>01-01107</td>
<td>$4.90</td>
</tr>
<tr>
<td>Marson™ Disposable Paper Mixing Board</td>
<td>100 - 10” x 10”</td>
<td>01-01108</td>
<td>$15.50</td>
</tr>
</tbody>
</table>

3M™ FIBERGLASS RESIN/KITS
3M’s Fiberglass Resin and Resin Kits use the exact same high-strength polyester resin that is used to manufacture high performance watercrafts, snowmobiles, bathtubs and showers. Polyester resins can be used alone or in conjunction with fiberglass mat, cloth or tape to create waterproof repairs to wood, metal, concrete, stainless steel, aluminum and fiberglass. Great for repairing large rust holes in metal and large fiberglass areas where laminating must be rebuilt. Compatible with all paints, including gel coat and marine paints. Quart. P/N 01-01104 $38.75

Prices Subject to Change Without Notice
MEGUIAR’S PRODUCTS

MEGUIARS ALL METAL POLISH
Turn dull, oxidized wheels and metal stunningly bright in just minutes! Meguiar’s propriatory formula cuts quickly to remove oxidation, but without scratching. Gentle polishing oils finish the surface for blindingly bright shine. Formulated to work quickly with Meguiar’s DynaCone wheel polishing tool or by hand. Not for use with painted or clear-coated wheels. Quantity: 8 ounces. P/N 09-03439. $7.95

MEGUIARS ULTIMATE PROTECTANT
For superior UV protection and shine on rubber, vinyl and plastic that lasts weeks, look no further than Meguiar’s Ultimate Protectant. Utilizing break-through UV clear-coat technology, Ultimate Protectant offers superior UV protection with shine that significantly outlasts conventional products, creating a high shine and dark rich look on interior surfaces, while bringing new life to exterior trim, moldings and tires. Quantity: 16 ounces. P/N 09-03437. $8.95

MEGUIARS ULTIMATE BLACK
Makes trim and plastic look like new, with extended durability that lasts for weeks! Restore new life to all exterior plastic, vinyl and rubber trim such as bumpers, moldings, door handles, rearview mirror housings and windshield cowlings. Utilizing breakthrough UV clear-coat technology, Meguiar’s Ultimate Black significantly outlasts conventional protectants and trim-care products. This durable formula dries almost instantly and, once cured, will not streak when treated surfaces get wet. Quantity: 12 ounces. P/N 09-03442. $7.95

MEGUIAR’S DUAL ACTION POLISHER
Whether you’re a seasoned professional or a weekend warrior who wants show quality, swirl-free results, this is the tool for you. Meguiar’s® Dual Action Polisher greatly reduces the amount of time it takes to apply paint cleaners, polishes and protection products and produces results far superior to applying these products by hand. And because of its dual action - rotation and orbit, you never have to worry about burning the paint. *G110 includes (polisher, “D” handle, custom hard case, W67DA backing plate, wrench, manual) P/N 09-02258.............. $198.00

MEGUIAR’S SOFTBUFF FOAM PADS
SoftBuff foam pads are safer than wool pads because they will not leave scratches or buffer swirl marks. When used to apply Meguiar’s cleaners, polishes & waxes, these unique, fiber-free foam pads add incredible gloss and depth of color to all fiberglass & painted finishes.

W-7000 8” CUTTING PAD - Offers aggressive cleaning ability without leaving swirl marks, scratches or other blemishes. Its quick-change anchor-loop backing matches up with all popular types of hook and loop buffering plates. P/N 09-23470 .............. $14.50ea

W-9000 8” FINISHING PAD - The finest finishing tool to create the ultimate high gloss, swirl-free finish! Its quick-change anchor-loop backing matches up with all popular types of hook and loop buffering plates. P/N 09-23480 .............. $13.75ea

W-65 6-1/2” PROFESSIONAL BACKING PLATE - The perfect partner to all SoftBuff foam buffing pads with quick-change anchor loop backing. P/N 09-23490 .............. $21.65ea

MEGUIAR’S MIRROR GLAZE

PLASTIC POLISH (NO. 10) - Safely restores and maintains optic clarity to all clear plastics. This complete one-step product keeps new and like-new transparent plastics in perfect condition with a static-free coating that repels dust. Meets Military Spec MIL-C-5547 and MIL-C-18767A(ASG). 8 Oz. P/N 09-23300. $6.95

PLASTIC CLEANER (NO. 17) - Safely removes fine “hairline” scratches and grime from clear plastic windows and windshields, acrylic and polycarbonate surfaces. Follow with an application of Plastic Polish (No. 10) to restore perfect clarity. 8 Oz. P/N 09-23500. $6.95

CLEAR PLASTIC CLEANER/POLISH (NO. 18) - Mirror Glaze #18 restores optical clarity and removes surface residue. Its anti-static formula repels dusts and its one-step action saves maintenance time. Just spray on and wipe dry to safely remove surface contaminants and restore optical clarity. 8 oz. P/N 09-23800. $6.85

FINAL INSPECTION (NO. 34) - Mists on and wipes off to remove fresh contaminants and maintain a showroom shine... anywhere, anytime. High lubricity formula removes dust, fingerprints, contaminants and fine scratches. Contains optical technology, Ultimate Protectant offers superior UV protection with shine that significantly outlasts conventional products, creating a high shine and dark rich look on interior surfaces, while bringing new life to exterior trim, moldings and tires. Quantity: 16 ounces. P/N 09-23450. $8.80


POLYMER SEALANT (M-20) - Polymer Sealant outshines any other wax or polymer product. It has a unique blend of polymers, silicones and imported waxes which create a brilliant high gloss finish that outlasts all other waxes. Polymer Sealant is safe and effective on all paint finishes, including clear coats. 16 oz. P/N 09-23450. $8.80

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823
**MEGUIAR’S GOLD CLASS**

- **GOLD CLASS CAR WASH SHAMPOO & CONDITIONER** - Meguiar’s® Gold Class™ Car Wash Shampoo & Conditioner is a rich and luxurious product designed to both wash and condition paint in one easy step. The premium formula gently foams away tough dirt, road grime and contaminants without compromising wax protection. Ultra rich paint conditioners clear away debris to reveal color and clarity, leaving paint looking radiant.
  - 16oz. ..................P/N 09-02330 .............. $8.50
  - 64oz. ..................P/N 09-02331 ............. $10.75

- **GOLD CLASS WAX** - Elegant, timeless, premium...Since its introduction, Meguiar’s® Gold Class™ Liquid Wax has inspired automotive enthusiasts worldwide to pamper, condition and protect their treasured investments. Our unique and proprietary blend of conditioners nourish and enrich paint to create clear, deep reflections and brilliant shine. Carnauba and polymer protecting agents reflect damaging UV rays, remove fine swirls, and create strong, long-lasting protection to preserve your finish.
  - Liquid ..............P/N 09-02333 .............. $14.55
  - Paste ............P/N 09-02334 .............. $16.95

- **GOLD CLASS RICH LEATHER LOTION, SPRAY & WIPES** - Meguiar’s® Pamper and protect your leather in one easy step with Meguiar’s improved Gold Class Rich Leather Cleaner & Conditioner Lotion, Spray and Wipes. The enhanced, premium blend of moisturizers and nutrients - now with algae for improved conditioning - quickly absorbs into leather for a natural, non-greasy finish. The convenient spray format is great for large areas or when working on perforated leather. The wipes feature 25 thick, textured wipes saturated with our enhanced, premium blend of moisturizers and nutrients deeply nourish fine leather. Each contains advanced sun-blocking agents and UV sunscreens to help defend against pre-damage. Lotion ..............P/N 09-02346 .............. $7.65
  - Spray ..................P/N 09-02316 .............. $8.50
  - Wipes ..................P/N 09-02317 .............. $6.75

- **QUIK INTERIOR DETAILER** - The fastest way to clean all interior surfaces. Use every time you wash or Quik Detail your paint to give your interior that “just detailed” look. In just 5 additional minutes, your entire interior will look sharp and smell fresh. Quickly and easily maintains the look and feel of interior plastics, vinyl, leather, rubber, metal and even audio/video equipment. The safe, high lubricity formula lifts off dust, ashes, dirt, grime, spills and fingerprints without build-up. And, unlike traditional protectants that leave an artificial greasy feeling, Quik Interior Detailer leaves your interior surfaces looking natural and revitalized.
  - Spray ............P/N 09-02339 .............. $5.95
  - Wipes ............P/N 09-02340 .............. $5.95

- **SUPREME SHINE PROTECTANT** - With the addition of Supreme Shine Protectant to the Meguiar’s line-up, Meguiar’s now has a protectant family that offers users the ability to choose from two different levels of shine. For those who love shine, Supreme Shine Protectant is the fastest and easiest way to create a hi-shine surface on vinyl, rubber, and plastic surfaces.
  - 450ml ............P/N 09-02349 .............. $6.50

- **NATURAL SHINE PROTECTANT** - Maintain that “like new” look on dashboards, trim, tires and more. Natural Shine’s complex formula includes mild cleaning agents that help remove daily dirt and grime and restore the original, natural finish. Includes UV blockers to help reduce the effects caused by the sun.
  - P/N 09-02342 $4.85

---

**MEGUIAR’S CLASSIC**

- **DEEP CRYSTAL® CAR WASH** - Contains special ingredients that extend the life of the suds. Dirt and grime are quickly loosened and removed while wax protection is preserved. For unparalleled performance, use with Meguiar’s® Microfiber Wash Mitt. P/N 09-02337 $5.75

- **CLEANER WAX** - Meguiar’s® most versatile, one step wax specially formulated to produce eye-dazzling results on all finishes. Rich conditioning oils and legendary gentle cleaning ability make it an excellent choice for daily drivers exposed to the elements.
  - Liquid ..............P/N 09-02318 .............. $9.85
  - Paste ............P/N 09-02319 .............. $8.95

- **DEEP CRYSTAL® SYSTEM CARNAUBA WAX** - Creates a strong, protective barrier on your paint that locks in shine and gloss. Our long-lasting, tried-and-true formula utilizes the highest grade of carnauba to protect all paint surfaces, including clear coats.16oz. ..............P/N 09-03426 $8.50

- **DEEP CRYSTAL® SYSTEM POLISH** - A pure polish specially formulated for dark-colored cars. Clear coat safe, the formula creates a brilliant, high gloss finish by conditioning and nourishing paint through the replenishment of valuable oils. This makes dark colors darker and reflections deeper. It’s that extra step necessary to create an amazing wet-look show car shine.
  - 16oz. ..............P/N 09-02320 .............. $7.65

- **SMOOTH SURFACE® CLAY KIT** - Removing above surface bonded contaminants and restoring a smooth surface to your paint finish is easily accomplished by using this Clay Kit. The non-abrasive clay bar safely, easily and instantly removes bonded contaminants as you rub it across the surface of your car using a mist & wipe product, like Meguiar’s Quik Detailer as a lubricant. Meguiar’s Smooth Surface Clay Kit contains everything you need to create a smooth surface! Clay Kit includes: two 50 gram clay bars, individually wrapped & in a moisture-seal case, Quik Detailer for use as a clay lubricant, Cleaner Wax sample & Meguiar’s Supreme Shine® Microfiber Towel.
  - Clay Kit .............P/N 09-02338 .............. $22.80
  - Replacement Clay ...........P/N 09-03425 .............. $18.75

- **QUIK WAX®** - Hi-performance, spray on carnauba protection offers dramatically deeper, darker reflections with increased gloss and shine. Just mist on and wipe off to wax your entire car (wet or dry) in minutes. For superior results during application and removal, we recommend using our Supreme Shine® Microfiber or Ultra Plush Super Terry. P/N 09-02321 $6.95

- **QUIK DETAILER®** - Keeps a waxed car looking “just waxed”. Clear coat safe, Meguiar’s Quik Detailer removes harmful contaminants before they damage your finish. Use Quik Detailer right after your car is sprayed by a water sprinkler, hit by a bird dropping, or exposed to any other condition that ruins your “just waxed” appearance. Details a full sized car in less than 15 minutes!
  - 16oz. ..............P/N 09-02322 .............. $7.45
  - 32oz. ..............P/N 09-02323 .............. $8.95

---

**MEGUIAR’S PRODUCTS**

- **Microfiber Wash Mitt. P/N 09-02337 $12.00**
- **Wax Sample & Meguiar’s Supreme Shine® Microfiber Towel. P/N 09-02308 $8.45**
- **Quik Interior Detailer. P/N 09-02318 $9.85**
- **Supreme Shine Protectant. P/N 09-02328 $18.75**
- **Quik Detaller. P/N 09-02323 $8.95**
- **Microfiber Towel. P/N 09-02321 $6.95**
- **Quik Detailer. P/N 09-02322 $7.45**
- **Microfiber Wipes. P/N 09-02336 $6.45**
- **Microfiber Cloth. P/N 09-02339 $5.95**
- **Super Terry. P/N 09-02321 $6.95**

Prices Subject to Change Without Notice
MEGUIAR’S PRODUCTS

MEGUIAR’S CLASSIC

SWIRLX - Car Guys are constantly asking how to best remove swirl marks/spider webs/holograms to restore crystal clear reflections and have a flawless, show-car shine. SwirlX Swirl Remover effortlessly removes swirl marks while improving color and clarity. SwirlX can be applied by hand or with our DA Polisher, and is a non-abrasive formula that gently smooths away micro-fine swirl marks so you can have a flawless finish on all paints.16oz. P/N 09-02357 $7.85

SCRATCHX® 2.0 - Keep ScratchX® 2.0 close at hand for quick removal of isolated paint scratches or blemishes ... whenever they occur. Competitive products either hide the blemish or scratch the finish. Méguiar’s® exclusive micro-abrasive system enables ScratchX® 2.0 to remove paint blemishes fast while restoring brilliant high gloss. The new and improved formula can be applied by hand or with a DA. P/N 09-00304 $8.05

COLORX® - Méguiar’s® COLORX® is the tested and proven system to restore deep color and gloss from your oxidized or contaminated paint finish. Help remove fine scratches and swirl marks too. Our polish and wax combination will dramatically revive brilliant color and add a long lasting protection that locks in the shine. For best results, apply with an Even-Coat Applicator and remove residue with a Supreme Shine® Microfiber or Ultra Plush Terry. P/N 09-02343 $8.85

PLASTX CLEAR PLASTIC CLEANER & POLISH - This easy-to-use, rich gel formula quickly restores optical clarity to both rigid and flexible clear plastics. Cutting-edge advancements in Méguiar’s® exclusive Microscopic Diminishing Abrasive™ Technology (MDAT) remove light oxidation, chemical degradation, surface contamination, stains and light surface scratches with ease. Special high water resistant polymers provide long lasting durable protection to keep your clear plastics clear and beautiful longer. We recommend applying PlastX with a High Tech Applicator Pad or Ultra Plush Super Terry and using an Ultra Plush Super Terry or Supreme Terry for the final wipe-off. P/N 09-02324 $7.75

MEGUIARS ENDURANCE TIRE SPRAY

Rich, dark, high-gloss tire protection that lasts for weeks! Our advanced, long-lasting formula endures, even through washing and rain, and dries quickly eliminating overspray, runs and drips. Proprietary macromolecules and copolymers protect against UV damage and tire Browning. The end result is that your tires stay black – with a rich, dark-high-gloss shine – for weeks longer than ordinary tire-shine products. See for yourself why Endurance is the enthusiast’s favorite for high-gloss shine that lasts! Quantity: 24 ounces Trigger Spray Bottle version. P/N 09-03441 $8.70

MEGUIARS ENDURANCE AEROSOL TIRE SPRAY

Our best performing, longest lasting aerosol! Endurance is a significant advancement in tire protection technology. Proprietary macromolecules and copolymers protect against UV damage and tire Browning. The end result is that your tires stay black – with a rich, dark-high-gloss shine – for weeks longer than ordinary tire-shine products. See for yourself why Endurance is the enthusiast’s favorite for high-gloss shine that lasts! Quantity: 15 ounces. P/N 09-03440 $9.50

SUPREME SHINE® MICROFIBER TOWEL

Meguiar’s® Supreme Shine® is an incredibly plush microfiber towel for producing swirl free, mirror-like results. The thick, deep dual-sided microfiber pile absorbs two times more than traditional terry towels providing faster wipe off with less strokes. Single P/N 09-02353 $3.65 3-pk P/N 09-02354 $6.50

MEGUIAR’S NEXT GENERATION

NXT GENERATION® TECH WAX® 2.0 - NXT Generation® Tech Wax® 2.0 is a scientific breakthrough that introduces a new dimension of gloss and protection. This improved formula produces unbelievably deep, vibrant color and a dramatically clear wet-look. New Hydrophobic Polymer Technology™ provides relentless water beading and protection against oxidation, corrosion, UV rays and surface degradation. “Hydrophobic” means “water-fearing” and this new breakthrough technology builds such incredible protection and surface tension that water beads up and just glides off your paint finish, wash after wash! Liquid P/N 09-02328 $18.65

AERO WASH WAX MOP KIT

Wash Wax Mop Kit: ALL you need to get started with the New Waterless Wash Wax Mop. The Wash Wax Mop was specifically designed for aircraft and is the only mop with two sides. One wet and one dry. Now you can waterless wash and wax with the reach and leverage of an extension pole. This allows you to clean a much larger area faster and with less effort, all from the safety of the ground. No ladder needed. Customers report time savings up to 50% over waterless hand application. Simply spray Wash Wax ALL on the Wet Side of the mop, wipe the aircraft with the wet side, flip the mop over, and wipe dry with the dry side. Includes: (1) Mop head with two (2) Microfiber Mop pads, (1) Deluxe Mop Pole, (1) Pack of four (4) Microfiber Mop pads, (1) Pack of four (4) Aero Towels (1) Gallon of Wash Wax ALL, (1) 16oz spray bottle, (1) 16oz Wash Wax ALL Trigger Spray Bottle with Handle and an Aero Bag to store and carry the kit. P/N 09-03502 $189.55 Replacement Waterless Mop Pads (4) P/N 09-03503 $29.95

PERMASHINE BUMPER AND CLADDING COAT TEXTURED PLASTIC RESTORER

PermaShine is designed to protect new textured plastics from fading and to restore the appearance of faded textured plastics. PermaShine will provide permanent protection and gloss enhancement for textured TPO plastics, and it sticks so well that a pressure washer cannot blow it off. PermaShine can be applied by spray gun or roller for added convenience. Features: • There is nothing else on the market that works like PermaShine - it is totally unique. • Permanently restores the appearance of faded textured plastics; not the quick-fading shine that silicone dressing usually provides. • PermaShine’s adhesion to textured plastic is so good that it cannot be blasted off with a pressure washer.

11OZ Aerosol P/N 09-02340 $21.50 Quart P/N 09-02347 $59.95 Gallon P/N 09-02346 $199.95

Prices Subject to Change Without Notice
**FOAM CUSHIONING**
Foam Cushioning is a dense open cell foam that can be used for glare shield padding, side panel padding, seat cushioning and for soundproofing. Meets FAR 25.853 burn requirements. Width is 48” and is sold by the linear yard. Available in 1/8” and 1/4” and thickness. *Density (pcf)=5*  
1/8” Foam cushioning……………………..P/N 11-02062………………..$55.50/yd  
1/4” Foam cushioning……………………..P/N 11-02063………………..$59.75/yd

**ABS PLASTIC SHEETS**
ABS thermoplastic fire-rated sheet material can be used as a base material for making of glare shields and side panel backing. Easily cut, drill, saw, and grind this ABS sheeting. The plastic sheets have an excellent ductility and formability. Meets FAR 25.853 burn requirements. Smooth flat surface on one side and a matte finish on the other side. Color: Black. Sheet size is .063” x 23.5” x 54”.  
P/N 11-02054……………………………..$98.75

**FAUX LEATHER UPHOLSTERY MATERIAL**
Superior Panel Technology’s offers the latest technology in Faux Leather without the leather cost. It can be used for seats, wall panels and headliners. It meets FAR 23.853(a) flammability requirements. It provides superior wear resistance (100,000 cycles), stretchable (which is great for headliners), abrasion resistance and excellent tailorability. Width is 54”, weight is 28 oz/linear yard and it is available in seven colors. See additional image for color chart or download PDF below. Pricing is per linear yard. Request the sample by color number. Burn certificate is included with each order.

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sand 220</td>
<td>11-10641</td>
<td>$42.00</td>
<td>Sand 220</td>
<td>11-11140</td>
<td>FREE</td>
</tr>
<tr>
<td>Cream 500</td>
<td>11-10651</td>
<td>$45.75</td>
<td>Cream 500</td>
<td>11-11143</td>
<td>FREE</td>
</tr>
<tr>
<td>Coffee 800</td>
<td>11-10649</td>
<td>$42.00</td>
<td>Coffee 800</td>
<td>11-11141</td>
<td>FREE</td>
</tr>
<tr>
<td>Iron (Gray) 410</td>
<td>11-10638</td>
<td>$45.75</td>
<td>Iron (Gray) 410</td>
<td>11-11145</td>
<td>FREE</td>
</tr>
<tr>
<td>Blueberry 600</td>
<td>11-10642</td>
<td>$42.00</td>
<td>Blueberry 600</td>
<td>11-11146</td>
<td>FREE</td>
</tr>
<tr>
<td>Onyx Black 910</td>
<td>11-10656</td>
<td>$45.75</td>
<td>Onyx Black 910</td>
<td>11-11142</td>
<td>FREE</td>
</tr>
<tr>
<td>Cranberry 710</td>
<td>11-10652</td>
<td>$44.80</td>
<td>Cranberry 710</td>
<td>11-11144</td>
<td>FREE</td>
</tr>
</tbody>
</table>

**COLOR-BOND LEATHER, VINYL & HARD PLASTIC REFINISHER**
Color-Bond restores or changes the color of leather, vinyl, ABS plastic, PVC, polycarbonate, acrylic, fiberglass, lexan and thermal plastic urethane permanently. It is dry to the touch in 45 seconds and fully bonded in 10 minutes. It will not crack, flake or peel & gives complete grain simulation. You can change color over and over and never obscure the grain or affect the hand. It is now OEM approved by the Ford Motor Company. After 3-1/2 years of testing, the specification that Color-Bond passed is the first of its kind and is approved for worldwide use. Color-Bond will be distributed to the 5,200 Ford Quality Service Parts dealers of North America. It will also be used for repair of instrument panels, door panels and seats in all of the assemble plants. Color-Bond is excellent for restoration of aircraft seats, side panels, glare shields, and other items. Aircraft Spruce & Specialty Co. has been appointed as the aviation distributor for Color-Bond.

<table>
<thead>
<tr>
<th>Color</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>#3 Eggshell White</td>
<td>6 oz</td>
<td>13-01496</td>
<td>$14.75</td>
</tr>
<tr>
<td>#106 Black</td>
<td>12 oz</td>
<td>13-01495</td>
<td>$14.95</td>
</tr>
<tr>
<td>#108 Prairie Tan</td>
<td>12 oz</td>
<td>13-01497</td>
<td>$12.75</td>
</tr>
<tr>
<td>#105 White</td>
<td>12 oz</td>
<td>13-01499</td>
<td>$14.75</td>
</tr>
<tr>
<td>#107 Gray</td>
<td>12 oz</td>
<td>13-01498</td>
<td>$13.65</td>
</tr>
</tbody>
</table>

Moleculbond color chart ………………P/N 09-00327…………………..$3.95

The color chart can be viewed on our website at: www.aircraftspruce.com

**GRACO HVLP SPRAY SYSTEMS**
Virtually eliminates mist. Requires less maintenance. Blows less heat up the stack. Uses up to 50% less material. Delivers better pattern control. Reduces overspray up to 90% Eliminates high-pressure “flop” and tiger stripes.

The GTS-3800 is highly productive for nearly all fine finish applications. Easily spray stains, lacquers, oils, enamels, urethanes and automotive finishes. Plus, it atomizes many water-based latex and acrylic coatings, multi-color and other higher viscosity coatings.

- **Turbine Stages** – 3  
- **Turbine Air Working Pressure** – 6 psi (.414 bar, 41.4 KPa) max.  
- **Turbine Air Outlet Flow Rate** – 80 cfm (2265 lpm) max.  
- **Gun – GTS-980 Non-Bleeder Style with Fluid Set #3**  
- **Cup – 1 qt (1 liter)**  
- **High-Flex Turbine Air Hose Length – Standard units incl. 30 ft (9 m). Use 60 ft (18 M ) max.**  
- **Power Cord – No. 16 AWG, 3 wire, 6 ft (1.8 m)**  
- **Electrical Rating – 12A at 120 VAC**  
- **Weight: Complete – 34 lb**  
- **Dimensions: 18 in. x 15-1/2 in. x 16 in.**

P/N 12-15780……………………………..$954.00

**GTS-4900 HVLP SPRAYER**
Our most powerful and versatile sprayer offers everything you need on the job for high productivity. This unit is loaded with features and can spray the broadest range of materials.

- **Turbine Stages** – 4  
- **Weight: Complete – 39 lb**  
- **Turbine Air Working Pressure** – 8 psi (.552 bar, 55.2 KPa) max.  
- **Turbine Air Outlet Flow Rate** – 82 cfm (2321 lpm) max.  
- **Gun – GTS-980 Non-Bleeder Style with Fluid Set #3, #4 and #5**  
- **Cup – 1 qt (1 liter)**  
- **High-Flex Turbine Air Hose w/Quick disconnects – Standard units include 30 ft (9 m). Use 60 ft (18 M) max.**  
- **Power Cord – No. 12 AWG, 3 wire, 15 ft (4.6 m)**  
- **Electrical Rating – 14A at 120 VAC**  
- **Dimensions: 18 in. x 15-1/2 in. x 16 in.**

P/N 12-15950…………………..$1,652.00

**GRACO ACCESSORIES**

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>P/N</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 ft. Replacement Hose</td>
<td>12-00016</td>
<td>$92.25</td>
</tr>
<tr>
<td>Superflex Hose 54”</td>
<td>12-74660</td>
<td>$32.75</td>
</tr>
</tbody>
</table>

**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**

**AIRCRAFT SPRUCE WEST**
CORONA, CA • (877) 4-SPRUCE

**AIRCRAFT SPRUCE EAST**
Peachtree City, GA • (877) 477-7823
Used to secure fabric to metal ribs in wings and control surfaces. Replaces rib-stitch cord or P-K screws. Provides a more secure and streamlined installation. Dramatically reduces covering time. FAA-approved for aircraft listed. Easily adapts to homebuilts with metal ribs. Spacing between clips 3”. Spacing may be reduced to 1-1/2” on high-performance aircraft by using 2 wires, with clips inserted in alternate holes that are spaced 1-1/2” apart. Fabricated from stainless steel wire. Supplied in 25-ft. continuous coils.

Performance aircraft by using 2 wires, with clips inserted in alternate holes. Proven for aircraft listed. Easily adapts to homebuilts with metal ribs. Replaces rib-stitch cord or P-K screws. Provides a more secure and dependable attachment. Used to secure fabric to metal ribs in wings and control surfaces.

*P/N 09-21400

---

**Installation Kits**

All install kits $38.95. No clips are included. Order separately. If clips are used to secure fabric on controls, add 50 ft.

**Cessna-Type Fabric Clips**

Individual spring clips used to attach fabric to metal ribs. Eliminates rib stitching. 50% Discount on purchase of 100.

P/N 09-19900 .......................... $0.79

**Tac Rags**

Tac Rags pick up dust like a magnet. Use Tac Rags in final cleaning or dusting of surface before applying enamels, lacquers or synthetic paints. Wipe surface gently to remove all dust, lint and fine sand particles from metal, wood or plastic surfaces. Tac Rags are anti-static, epoxy compatible, and remain soft and tacky indefinitely. Individually packaged. Size: 18” x 36”.

P/N 09-20000 .......................... $0.75 ea. .......................... $8.10/Dzn

**3M™ Fine-Line Paint Tape**

This 3M™ tape is particularly suitable for pin stripping, multicolor and other custom painting applications. It is a thin, conformable green polypropylene film tape with a special finish that resists paint runoff. The adhesive adheres instantly and offers good holding power, resists lifting and curling. Stretchable and easy to handle. Provides an extremely fine color-line separation for decorative painting of aircraft. Scotch No. 218.

1/8” x 60 Yds. .......................... $20.65
1/4” x 60 Yds. .......................... $29.95
3/8” x 60 Yds. .......................... $33.50
1/2” x 60 Yds. .......................... $41.85
3/4” x 60 Yds. .......................... $50.50

Less 10% on 6 Rolls (Assorted) • Less 15% on 12 Rolls (Assorted)

**Wood Brushes**

Natural, undyed bristle with smooth, unpainted wood or polyethylene handles. Unaffected by paint, dopes, thinners or solvents.

<table>
<thead>
<tr>
<th>Width</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2”</td>
<td>09-21100</td>
</tr>
<tr>
<td>1”</td>
<td>09-21200</td>
</tr>
<tr>
<td>2”</td>
<td>09-21300</td>
</tr>
</tbody>
</table>

Discount: Less 10% on $50.15 on 100 (per size)

**Acid or Glue Brushes**

Horse hair with metal handle.

#1-3/8” Wide .......................... P/N 09-21400 .......................... $0.29 ea. .......................... $3.65/dz.
#2-1/2” Wide .......................... P/N 09-21500 .......................... $0.42 ea. .......................... $3.65/dz.

**Dollar Patches**

Grade B fabric patches for quick repairs on Grade B & Dacron covering. Smooth edge, 25” coil. Also available in Dacron, which are more durable & less noticeable on aircraft exterior.

Less 10% For 12 or More.

Grade A cotton patches .......................... P/N 09-17700 .......................... $1.50/ea
Dacron Dollar patches .......................... P/N 09-17705 .......................... $1.50/ea
Ceconite C101 .......................... P/N 09-00162 .......................... $1.50/ea.
Ceconite C102 .......................... P/N 09-00163 .......................... $1.50/ea.
P-2103 Med. .......................... P/N 09-18750 .......................... $1.50/ea.
P-99 Heavy Duty .......................... P/N 09-00164 .......................... $1.50/ea.

**Rib Lacing & Sewing Needles**

3” Curved Needle .......................... P/N 09-18705 .......................... $2.30/ea
6” Curved Needle .......................... P/N 09-18710 .......................... $2.09/ea
12” Curved Tip Needle .......................... P/N 09-18720 .......................... $21.40/ea
12” Straight Needle .......................... P/N 09-18725 .......................... $3.85/ea
18” Curved Needle .......................... P/N 09-18730 .......................... $22.15/ea

Needle Assortment includes 1 each of the following: 3” curved, 6” curved, 12” curved, 12” straight, 18” straight.

P/N 09-18735 .......................... $39.25

**Rib Stitch Needles**

Made from the highest quality steel. Heat treated, nickel plated.

2-1/4” Curved .......................... P/N 09-18300 .......................... $1.15/ea
4” Straight .......................... P/N 09-18400 .......................... $1.39/ea
10” Straight .......................... P/N 09-18500 .......................... $3.95/ea
14” Straight .......................... P/N 09-18600 .......................... $4.75/ea
18” Straight .......................... P/N 09-18700 .......................... $9.90/ea

**‘T’ Head Pins**

Used to hold fabric in place temporarily in covering operation.

Plated steel, 1-1/2” L. 100 Pins .......................... P/N 09-18850 .......................... $7.50

**Screws**

Used on some aircraft models to attach fabric to metal wing ribs and empennage ribs instead of rib lacing. Truss-head, type “A” self-tapping sheet metal screws. Size #4 x 1/4”.

Stainless Steel, Phillips Head .......................... P/N T4X4 .......................... $0.03/ea
Stainless Steel Type A, Phillips .......................... P/N 4RX1/2SS .......................... $0.04/ea
Stainless Steel Type A, Phillips .......................... P/N T4X6 .......................... $0.04/ea

**AD-41H Closed-End Blind Pop Rivet**

1/8” diameter. Used to seal tubing vent holes.

P/N 04-01496 .......................... $0.12/ea

**Blind Rivets**

Use these 1/8” dia. “Pop” rivets to attach fabric to the ribs on Champion/Bellanca aircraft. 100 Rivets.

P/N 09-18900 .......................... $22.35

**Washers**

Aluminum washers may be used in place of original plastic washers under screws and pop rivets to attach fabric to metal wing or empennage ribs.

Plastic, 1/8” I.D. x 1/2” OD .......................... P/N 09-19000 .......................... $29.50
Aluminum, 0.128” I.D. x 1/2” OD x 0.016 .......................... P/N 09-19100 .......................... $7.30

**DRAIN GROMMETS**

Manufactured from virgin cellulose acetate butyrate resin.

<table>
<thead>
<tr>
<th>Type</th>
<th>Part No.</th>
<th>O.D.</th>
<th>I.D.</th>
<th>Price Each</th>
<th>Price Dz.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat</td>
<td>AN231-1</td>
<td>1/4”</td>
<td>0.23</td>
<td>$0.19</td>
<td>$1.72</td>
</tr>
<tr>
<td>Flat</td>
<td>AN231-2</td>
<td>3/4”</td>
<td>0.35</td>
<td>$2.09</td>
<td>$22.15</td>
</tr>
</tbody>
</table>

*Less 15% on QTY. OF 100 (per Part No.)

**Inspection Rings**

Plastic rings, 4-5/8” O.D. x 3-1/2” I.D. x .050” thick, molded from virgin cellulose acetate butyrate resin. To be cemented to fabric as inspection plate retainer. 20% Discount on 100 or more.

P/N 09-19200 .......................... $0.55 ea

**Inspection Ring Patches**

Glued over inspection rings to prevent accidental removal.

P/N 09-18750 .......................... $1.50 ea

**Inspection Plates**

DOMED – Concave aluminum snap-type plate has single clip rivetted across full diameter. Sensitive to the ring at 2 contact points. Plate is 4.75” dia. .......................... P/N 09-19300 .......................... $1.95ea. .......................... $165.75/100

RECESSED – Concave center and flanged-edge design will not creep off center due to vibration in propwash areas. 4-3/4” dia. x .020 aluminum. Will not twist or vibrate. .......................... P/N 09-18740 .......................... $5.50 ea
PAINT ACCESSORIES – REPAIR KITS

PREVAIL SPRAY GUN
Sprays paints, primers, gel coats, lubricating oils, cleaners, zinc chromate, etc. Perfect color matches in minutes. No wires, no hoses-portable and disposable. Sprays up to 16 ounces of any liquid thinned to the same consistency as for heavy spray equipment.

#267 Complete Set..................P/N 09-00339..............$8.25
#268 Power Unit..........................P/N 09-00340..............$5.95
#269 Product Container...............P/N 09-00341..............$2.75

FLIP TOP POURING LID FOR PAINT CAN
 Tight seal for extended storing, controlled pouring, wide opening for easy dipping, wiping bar, and brush rest. Fits metal cans only.
P/N 09-03592.......................$7.50

SUPER LID WITH SPOUT FOR 1 GALLON CONTAINERS
This two piece aqua lid has a wide mouth spout for easy pouring. Works with just about any 1 gallon paint can.
P/N 09-03784.......................$5.85

55 GALLON LATCHING DRUM LIDS
Unique design makes it easier to access drum, minimize vapor emissions and meet haz-waste regulations. For 55-gal. New & Reconditioned Open-head Steel Drums. Hinged with One Hand Latch. Latching handle easily opens and closes with one hand. Nitrile gasket and locking mechanism seal lid to help reduce vapor emissions and keep drum contents dry and secure. Easy-access lid closes securely to help you meet haz-waste regs. Hinge stops keep funnel lid upright when open. Durable, chemical-resistant powder coat helps ensure long service life. Lockable latch helps prevent unauthorized access. Hinge pin is made for easy lid removal without loosening band around drum. Multiple lid color options allow you to segregate drums for safe, compliant filling.
Black.....................P/N 08-07708...............$289.00
Red..........................P/N 08-07709...............$289.00
Yellow.....................P/N 08-07710...............$289.00

POURING PAL
Just Snap It On! One size fits pint, quart, gallon and 4 liter paint cans. Snaps onto inner rim of paint can to keep paint out of the gutter and ensure a goo seal after use.
P/N 09-22210....................$0.75

PAINT STIRRING PADDLE
P/N 09-22205..........................$0.17
P/N 09-02063..........................$0.85

EXTEND-A-LUBE SUPER STRAWS (PACKAGE OF 3)
Super Straws reduce or eliminate messes from overspray. The high grade plastic is extremely chemical resistant and can be used with various lubricants, harsh degreasers, and compressed gases. Super Straws increase the range and utility of aerosol products by using a 16” high grade plastic tube to access those hard to reach places. Easily cut to any length using a knife or scissors, Extend-A-Lube Super Straws are proudly manufactured, packaged, and sold in the U.S.A.!
P/N 09-02398..................$2.95

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

PIPER INSPECTION FRAMES
Front & Rear Strait Opening Reinforcements - Set of 4
P/N 09-00334.........................$8.50
Naugahyde Cable Seal Kit - 2 slotted fuselage and 2 aileron punched cable seals......................P/N 09-00335..............$7.50
Front Trim Yoke Inspection Frame Set of 2.....P/N 09-00336..............$5.95
Underwing Inspection Ring Grommet Set of 2.....P/N 09-00337..............$7.50
Tear Drop Reinforcement Set of 2.....P/N 09-00338..............$10.95

POLYESTER FLANNEL
45" width. For leading edge............P/N 09-01750......................$7.90/yd

SCOTCH-BRITE™
ULTRA FINE HAND PAD
7448
Use for cleaning, scuffing, deburring and finishing by hand with water or solvents. Will never rust.
P/N 09-01753..................$1.15/ea

PAINT STIRRERS

PAINT STRAINERS
Cone type strainer. Medium mesh (48x36), for filtering all pigmented finishes.
P/N 09-22200..........................$0.20ea.

3M™ PARTICULATE RESPIRATORS
Helps provide worker protection against certain non-oil based particles. Comfortable, easy to use, and promotes greater worker acceptance increasing wear time. Features 3M’s patented filter media, nose foam, and adjustable noseclip that helps provide a secure seal and helps reduce eyewear fogging. Workplace applications: woodworking, grinding, sanding, sweeping, bagging, other dusty operations.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8210 Standard dust mask</td>
<td>09-01496</td>
<td>$0.95</td>
</tr>
<tr>
<td>Vented dust mask</td>
<td>09-01497</td>
<td>$2.40</td>
</tr>
</tbody>
</table>

Prices Subject to Change Without Notice

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823
TEMPO FINISHES – SUPERFLITE

ULTRA-HIGH TEMPERATURE PAINTS

Exceptional durability up to 1200°F. Will not burn off, chip or peel when properly applied. No primer required. Ideal for exhaust stacks. Ultra-High Temperature paints air-dry in minutes but require curing at temperatures over 650°F.

- White #13-1
- Black #13-2
- Aluminum #13-8

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

TEMPO MAINTENANCE & SPECIALTY PRODUCTS

Fluorescent Paint (Red/Orange) — Up to 4 times brighter than other colors. Ideal for aircraft, boat - wherever visibility is vital. For best results, use over light colored base.

Chrome Paint — restores new chrome appearance to chomed surfaces.

Scratch Filler Primer — Ideal for filling nicks, scratches, and minor surface imperfections. They dry fast, are sandable, and provide a smooth uniform surface for top coats.

PREMIUM SELF-ETCHING PRIMER

Etches and primes in one easy step. Can be used under all today’s automotive finishes. Perfect for spot repairs. Creates superior adhesion on most plastics, fiberglass, bare steel, aluminum and stainless steel. Color: Green. 12 oz. Spray Can

P/N 09-02099

$9.50

EPOXY PROPELLER COATING

Extends blade life. Tempo’s Epoxy Pro-Propeller coating is formulated with the extra adhesion and abrasion resistance needed to protect propellers from corrosion and wear. Compared to standard enamel and lacquer paints, our epoxy formula stays on the blade more flying hours; hence, with regular use, this formula can extend blade life.

T-CREST Clear

P/N 09-00357

$6.95

KRYLON AEROSOL HIGH HEAT PAINT

Krylon High Heat & Radiator Paint is ideal for mufflers, radiators, and engine blocks. Withstands temperatures to 1200°F. Guards against rust. Available in three colors. 12 oz. aerosol cans. 12 oz. Aerosol

Aluminum

P/N 15-05467

$12.25

White

P/N 15-08254

$12.50

Black

P/N 15-08255

$12.25

CAN-GUN

Can-Gun is an aerosol spray can trigger handle which makes painting, cleaning, and lubricating jobs safer and easier. The user-friendly fit-and-handle trigger eliminates finger fatigue and provides the user with accurate control over the amount, speed, and direction of spray. The built-in safety shield insures no more messy hands or fingers. Sprays virtually all spray paints, lacquers, polishes, cleaners, lubricants, sealers, and adhesives and Can-Gun fits most spray cans.

P/N 09-00992

$7.50

AE-2000 Primer

P/N 09-07003

$6.95

AE-2200 Rust Inhibitor

P/N 09-07004

$6.95

AE-2300 Clear Lacquer

P/N 09-07005

$6.95

AE-2400 Black Enamel

P/N 09-07006

$6.95

AE-2500 Blue Enamel

P/N 09-07007

$6.95

ABOUT TEMPO MAINTENANCE & SPECIALTY PRODUCTS

- Chrome Paint
- Scratch Filler Primer
- Self-etching Primer
- Epoxy Propeller Coating
- Krylon High Heat & Radiator Paint
- Can-Gun
- AE-2000 Primer
- AE-2200 Rust Inhibitor
- AE-2300 Clear Lacquer
- AE-2400 Black Enamel
- AE-2500 Blue Enamel

HIGH HEAT PRIMER

Neutral Gray

P/N 15-08253

$6.95/ea.

T-CREST Primer

P/N 09-01268

$6.95

Lyc. Gray

P/N 219

$6.95

Olds Cont. Gold

P/N 239

$6.95

Gloss Black

P/N 09-00995

$6.95

Chevy Orange Engine

P/N 09-02405

$7.50

KRYLON AEROSOL HIGH HEAT PAINT

- Aluminum
- White
- Black

Purpose: To provide extended blade life.

P/N 15-05467

$12.25

P/N 15-08254

$12.50

P/N 15-08255

$12.25

SPECIALTY PRODUCTS

- AE-2000 Primer
- AE-2200 Rust Inhibitor
- AE-2300 Clear Lacquer
- AE-2400 Black Enamel
- AE-2500 Blue Enamel

AIRCRAFT ENAMEL

Excellent adhesion to aluminum and steel

AIRCRAFT SPRAY COATINGS

- Lyc. Grey Paint Quart
- Lyc. Grey Paint Gallon
- TCM Gold Paint Quart
- TCM Gold Paint Gallon
- Gloss Paint Black Quart

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

- T-CREST Clear
- AE-2000 Primer
- AE-2200 Rust Inhibitor
- AE-2300 Clear Lacquer
- AE-2400 Black Enamel
- AE-2500 Blue Enamel

AIRCRAFT SPRAY COATINGS

- Lyc. Grey Paint Quart
- Lyc. Grey Paint Gallon
- TCM Gold Paint Quart
- TCM Gold Paint Gallon
- Gloss Paint Black Quart

SUPERFLITE AIRCRAFT ENGINE ENAMELS

Superflite engine enamels are fast-drying enamels developed specifically for air-cooled aircraft engines used in light duty aviation industries. The Superflite enamels feature superior adhesion, heat resistance, and a gloss finish. Cure Schedule: Dry to touch: 15 minutes, Dry to handle: 60 minutes Dry thru: 24 hours To recoat: 60 minutes, or after 72 hours. Benefits: Tocool - Air dry or low temperature cure. For use on bare metal or painted surfaces. Specifications: Shelf Life: 12 months at recommended storage temperatures. Heat Resistance: Up to 400 degree F.

- Lyc. Grey Paint Quart
- Lyc. Grey Paint Gallon
- TCM Gold Paint Quart
- TCM Gold Paint Gallon
- Gloss Paint Black Quart

Prices Subject to Change Without Notice
METAL CLEANERS — PRIMERS

PREKOTE SURFACE PRETREATMENT
PreKote® Surface Pretreatment from Pantheon Chemical, is a non-chromated surface pretreatment utilizing a safe, hazard-free technology that is flying on over 1,500 United States Air Force aircraft. PreKote® offers superior adhesion, improved paint flexibility, and advanced corrosion protection on painted surfaces, relative to traditional chromate and conversion pretreatments (such as alodine). PreKote® has passed stringent testing by the U.S. Department of Defense, the Boeing Company and other coating industry leaders. By eliminating the need for chromate conversion coatings (such as alodine), acid etch, solvent washes and other toxic processes, PreKote® can reduce paint preparation time and costs by up to 40%. PreKote® can be used on a wide range of surfaces including aluminum, steel, magnesium, titanium, CRES, galvanized surfaces, composite and plastic surfaces. Consistent, high performance results are achieved with a variety of paints and primers. PreKote® is non-toxic, non-corrosive, non-flammable, CFC free, ODS free, odor free, and readily biodegradable upon disposal. FEATURES: • Easy & safe process • Quantified superior results • Immediate cost reductions • Free, and readily biodegradable upon disposal.

ALUMINUM PREPAINT PRODUCTS
ALUMIPREP USED FIRST MAKES THE PAINT FINISH LAST!
Use on unpainted aluminum aircraft, truck trailers, house trailers, boats, garage doors, outdoor furniture, etc.

ALUMIPREP NO. 33 – Use to clean, brighten and transform badly corroded aluminum to its natural appearance. Covers 400 sq.ft. per quart. HAZARDOUS.
Qt. P/N 09-01621 $17.85
Gal. P/N 09-01620 $39.75

ALODINE NO. 1001 – An invisible coat to provide in-depth corrosion proofing to the brightened aluminum surface and act as a firm barrier against the elements and continued corrosion. Covers 250 sq.ft. per quart.
Qt. P/N 09-01628 $24.95
Gal. P/N 09-01629 $43.85

METAL PREP NO. 79 – A non-flammable multi-purpose phosphoric acid based cleaner and pretreatment for most metals. Leaves the surface chemically clean and corrosion free. Can be used to deep clean and etch a metal surface prior to paint or to prepare a surface for a subsequent chemical coating like that produced by GALVAPREP SG on zinc and steel or ALODINE® 1201 on aluminum surfaces. HAZARDOUS.
Qt. P/N 09-01625 $24.85
Gal. P/N 09-01624 $38.50

ALODINE NO. 1201 – After precleaning with Alumiprep 33 or Metal Prep 79, rinse with water. Apply Alodine without dilution by brushing or swabbing with sponge. Rinse with water and surface is ready for paint. This is a visible coating which leaves the surface with a golden coloration. The alodized paint provides protection against weather and firmly bonds paint. One quart treats about 200 sq. ft. HAZARDOUS.
Qt. P/N 09-01619 $25.50
Gal. P/N 09-01618 $41.85

ALODINE TOUCH-N-PREP 1132
Touch-N-Prep Alodine 1132 no-rinse conversion coating effectively phosphates most metals including aluminum, ferrous and galvanized substrates. Doesn’t require rinsing, and can be air dried or force dried with hot air or an infra-red lamp. High density acrylic tip of the Touch-N-Prep applicator can be modified with a single edge razor blade to form any shape. The application method controls the amount of coating applied to the surface. Covers 20 sq.ft. P/N 09-01630 $98.65

METALPREP 1132 TOUCH-N-PREP

AKZO FAST DRYING INTERIOR EPOXY PRIMER
AKZO interior epoxy primer #463.12-8 is a chemically cured 2-component epoxy primer designed to provide maximum protection from various chemicals, hydraulic fluids, aviation fuels, hydraulic fluids, and corrosive causing media. Drying time to touch is 15 minutes and to recoat is 1-24 hrs. Shelf life: 2yrs. Color: Green. Used extensively in military and aerospace applications and popular with aircraft builders. Uses 1 gallon of primer and 1 gallon of catalyst.

RANDOLPH W-2248 EP-420W EPIBOND EPOXY PRIMER (WHITE)
This white heavy duty chemical & solvent resistant amine cured primer is fast drying and corrosion inhibiting. Can be applied & cured to temps down to 35°F. Mixing ratio is 2 parts base primer: 1 part EP-430 Catalyst. Order in kits.

<table>
<thead>
<tr>
<th>Product</th>
<th>Quart Part No.</th>
<th>Gallon Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>W2248/EP420 Primer White kit</td>
<td>09-00573</td>
<td>09-00574</td>
<td>$293.95</td>
</tr>
<tr>
<td>Epoxy White base</td>
<td>09-00564</td>
<td>09-00565</td>
<td>$165.40</td>
</tr>
<tr>
<td>Rand E-500</td>
<td>09-00566</td>
<td>09-00567</td>
<td>$58.80</td>
</tr>
<tr>
<td>Reducer</td>
<td>09-00570</td>
<td>09-00571</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

RANDOLPH B-6433 RAND-O-PLATE EPOXY PRIMER (DARK GREEN)
This green primer is solvent resistant, amine cured, fast drying and corrosion inhibiting. Can be applied & cured to temperatures down to 35°F. Mixing ratio is 2 parts base primer: 1 part EP-430 Catalyst. Order in kits.

<table>
<thead>
<tr>
<th>Product</th>
<th>Quart Part No.</th>
<th>Gallon Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rand B6433 PrimerGreen kit</td>
<td>09-00575</td>
<td>09-00576</td>
<td>$292.95</td>
</tr>
<tr>
<td>Epoxy Green base</td>
<td>09-00568</td>
<td>09-00569</td>
<td>$165.40</td>
</tr>
<tr>
<td>Rand E-500 Reducer</td>
<td>09-00566</td>
<td>09-00567</td>
<td>$58.80</td>
</tr>
<tr>
<td>Rand EP430 Catalyst (pigmented)</td>
<td>09-00570</td>
<td>09-00571</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

RANDOLPH EPOXY VARNISH EV-400/EV-410
An excellent clear gloss epoxy varnish for interior and exterior use. It provides superior weather durability and excellent chemical and solvent resistance. Can be used over a one component varnish primer if desired. Mixing ratio is 2 parts base varnish: 1 part EV-410 Catalyst. Order in kits.

| Quart Kit (yields 2.5 qts) | Incl. EV-410 Catalyst & E-500 Thinner | 09-00670.70 | $59.40 |
| Glass Kit (yields 2.5gl) | - Incl. EV-410 Catalyst & E-500 Thinner | 09-00671.71 | $198.00 |

| Base: | Quart | 09-00666 | $43.25 |
| Gallon | 09-00667 | $146.70 |
| Catalyst: | Pint | 09-00668 | $18.25 |
| Gallon | 09-00669 | $30.55 |
| E-500 thinner (Reduce 50%) | Quart | 09-00666 | $30.55 |
| Gallon | 09-00667 | $58.80 |

rand-0-plate

RANDOLPH EPOXY ACCELERATOR EP-501
1/2 Pint P/N 09-04650 $12.00

RANDOLPH C-2210 PAINT SURFACE CLEANER
A mild solvent blend formulated to remove oil, silicone, wax, and other contaminants from all metal surfaces before priming. Also removed tape gum from painted surfaces and acrylic windshield materials.

| Quart | P/N 09-04810 | $11.95 |
| Gallon | P/N 09-04820 | $45.00 |
STEWART SYSTEMS EVERSHEILD CERAMIC SURFACE TREATMENT

An Easy-To-Apply Glass-Like Finish With Many Incredible Protective Synergies For Your Any Aircraft Surface. In tests it resists blow-torch heat (yes, blow-torch flame) above 2000°F It is impervious to virtually any chemical. It is excellent for hardness, flexibility, impact and scratch resistance, adhesion, and corrosion protection. On any aircraft, EverShield has applications from nose cone to tail cone. Wiped on a prop, this incredible film sheds bugs, pebbles, salt spray, whatever. On an exhaust, it seals the metal from corrosion by and reductive heat transmissions to cowling and elsewhere. On leading edge, slide off. Over the entire plane, the slick surface fortifies the boundary layer, reduces drag. It is non-hazardous (like all ESI products). Cleans up with water (or solvents). Grips most any surface, from stainless steel, to plexiglass, to paint. EverShield is a true miracle coating. There’s nothing comparable available. Once you use it you’ll continue to find a myriad of applications. Better give it a try soon. STEWART SYSTEMS EVERSHEILD is a two-component, ceramic clearcoat/chemical treatment system designed for Original Equipment Manufacturers (OEM) to protect the substrate over which it is applied from corrosion and oxidation. Will not yellow, chip, crack, or peel. If gouged or damaged, the finish will not experience creepage and is repairable. A low VOC and EPA compliant coating. Considered non-hazardous by EPA definitions and does not contain lead or chromates. Please follow local and state regulations in the proper use and disposal of this product.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 oz</td>
<td>09-00465</td>
<td>$37.85</td>
</tr>
<tr>
<td>4 oz</td>
<td>09-00466</td>
<td>$65.50</td>
</tr>
<tr>
<td>8 oz</td>
<td>09-00467</td>
<td>$75.75</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS WATERBASE STEEL CONVERSION COATING

A water-based product that eliminates rust. First, rust is converted to ferric iron, a black organic compound. Second, a coating of clear acrylic is formed over the coated area. The surface that remains after the transformation can be either left black or coated with Stewart Systems wide range of products for the desired outcome. Product tests have shown that EverShield has extended the life of equipment or products for several more years after probable replacement. Can be used on all rusted surfaces.

STEWART SYSTEMS ALUMINUM ETCH / CLEANER

EkoEtch Aluminum Etch is a concentrated combination acid based detergent and degreaser. Removes scale, corrosion, light oil, processing fluids and brightens aluminum. A non-hazardous, water reducible and non-flammable. Use it to prepare both old and new aluminum surfaces before applying Stewart Systems Primer/Sealers.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 oz</td>
<td>09-00468</td>
<td>$45.75</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS EKOBOND

Stewart Systems EkoBond EkoBond is a revolutionary water based cement for the application of fabric. EkoBond has extreme bond-strength for fabric to fabric surfaces. In both peel and shear tests, EkoBond is very user friendly since it has very little odor and can be used in a closed shop with no health or fire hazards. EkoBond dries quickly and will not attack primers or enamel paints. EkoBond is non-flammable and environmentally friendly.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart</td>
<td>09-00415</td>
<td>$58.75</td>
</tr>
<tr>
<td>Gallon</td>
<td>07-00410</td>
<td>$177.75</td>
</tr>
</tbody>
</table>

EKOBOND LINEN

For the look of old linen with the convenience of Dacron. EkoBond Linen will make the fabric look just like old cotton, while giving you not only the antique look, but also the strength and durability of EkoBond.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart</td>
<td>09-00364</td>
<td>$56.75</td>
</tr>
<tr>
<td>Gallon</td>
<td>09-00365</td>
<td>$180.75</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS EKOFILL

Part of the Stewart Aircraft Covering System, Stewart Systems EkoFill seals the fabric, provides UV protection, fills the weave and acts as a primer for application of EkoPoly. On fabric airplanes, all covering, rib stitching and tapes are complete and the fabric has been cleaned with EkoClean before applying EkoFill. EkoFill is used on Dacron/polyester fabric, glass cloth, gel coat and composite materials. It has excellent adhesion, superior high build properties and is an outstanding UV barrier on fabric and composite surfaces. EkoFill is easy to apply and can be used with open coat sand paper. EkoFill is non-flammable, has little odor and is water cleanup. Attention: Cold weather conditions is possible for product to freeze based on weather conditions.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grey Quart</td>
<td>09-06700</td>
<td>$54.75</td>
</tr>
<tr>
<td>Grey Gallon</td>
<td>09-06800</td>
<td>$172.75</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS EKOSTRIP

Stewart Systems EkoStrip is an environmentally safe paint stripper that can be sprayed, brushed or rolled on your painted surface. EkoStrip is not solvent borne and does not dry out and stop working overnight. In most cases the stripping action is complete in 2-4 hours. EkoStrip has no harsh odors, is nontoxic and is biodegradable.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Gallon</td>
<td>09-03080</td>
<td>$62.75</td>
</tr>
<tr>
<td>5 Gallon</td>
<td>09-03081</td>
<td>$420.00</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS EKOPOXY

Stewart Systems EkoPoxy Primer/Sealer is a high quality water based Epoxy primer for use on many substrates. Stewart Systems EkoPoxy can be used on interior and exterior surfaces where there is more chance of corrosion from the environment. Excellent adhesion to bare metals, resists flash rusting which occur with latex based primers. Stewart Systems EkoPoxy has superior chemical resistance, is fast drying and mar resistant. Stewart Systems EkoPoxy is low in VOCs and compatible with a wide range of top coats including EkoPoly Top coat. Nonhazardous, nonflammable and water cleanup, Stewart Systems EkoPoxy is your best choice for Primer.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart White</td>
<td>09-03066</td>
<td>$52.75</td>
</tr>
<tr>
<td>Quart Smoke Grey</td>
<td>09-03068</td>
<td>$39.75</td>
</tr>
<tr>
<td>Quart Charcoal Grey</td>
<td>09-03070</td>
<td>$58.75</td>
</tr>
<tr>
<td>Quart Green</td>
<td>09-03072</td>
<td>$59.75</td>
</tr>
<tr>
<td>Gallon White</td>
<td>09-03067</td>
<td>$189.95</td>
</tr>
<tr>
<td>Gallon Smoke Grey</td>
<td>09-03071</td>
<td>$209.55</td>
</tr>
<tr>
<td>Gallon Charcoal Grey</td>
<td>09-03071</td>
<td>$198.75</td>
</tr>
<tr>
<td>Gallon Green</td>
<td>09-03073</td>
<td>$209.95</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS EKOCLEAN

EkoClean Heavy Duty Cleaner/Degreaser concentrate is used with the Stewart Covering System to clean fabric before application of EkoFill. For cleaning fabric, EkoClean is diluted 30-1 with water, and lightly applied with a spray bottle or rinsed with clear water. EkoClean is a non-butyl, water soluble, concentrated degreaser and general purpose cleaner. In stronger concentrations EkoClean attacks grime, exhaust stains and grease spots from painted surfaces. EkoClean does not contain phosphates and is USDA approved.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart White</td>
<td>09-00464</td>
<td>$38.50</td>
</tr>
<tr>
<td>Quart Smoke Grey</td>
<td>09-03074</td>
<td>$41.85</td>
</tr>
<tr>
<td>Quart Charcoal Grey</td>
<td>09-03076</td>
<td>$41.75</td>
</tr>
<tr>
<td>Quart Green</td>
<td>09-03078</td>
<td>$41.75</td>
</tr>
<tr>
<td>Gallon White</td>
<td>09-00481</td>
<td>$123.85</td>
</tr>
<tr>
<td>Gallon Smoke Grey</td>
<td>09-03075</td>
<td>$128.75</td>
</tr>
<tr>
<td>Gallon Charcoal Grey</td>
<td>09-03076</td>
<td>$128.75</td>
</tr>
<tr>
<td>Gallon Green</td>
<td>09-03079</td>
<td>$128.80</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS EKOSHELL E1800/E1850

E1800 - EkoSeal is a water dispersible top coat, offering outstanding coverage, durability and ease of application. EkoSeal is a low VOC, EPA compliant coating. Use on wood spars and plywood before installation of fabric. Wood sealer is resistant to UV yellowing in exterior applications and is also available in a satin finish. Size: 1 quart.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart Clear</td>
<td>09-03082</td>
<td>$45.85</td>
</tr>
<tr>
<td>Quart Satin</td>
<td>09-03083</td>
<td>$41.75</td>
</tr>
</tbody>
</table>

E-1850 EkoSeal Sanding Wood Sealer E1850 is a wood sealer with a sanding filler added to fill light voids and imperfections. After sanding, apply EkoSeal Wood Sealer or any other top coat. Size: 1 quart.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quart Clear</td>
<td>09-03084</td>
<td>$48.50</td>
</tr>
</tbody>
</table>

STEWART SYSTEMS PROCEDURES 21 MANUAL

A complete written manual for the Stewart Systems Covering Process. It includes product application, painting instructions, continuing maintenance and more. Also contains many helpful hints for each step of the process.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N</td>
<td>09-03091</td>
<td>$21.50</td>
</tr>
</tbody>
</table>
**NUGLAZE SUPER PAINT GLOSSER**

Nuvite introduces NuGlaze to create a super high gloss "show quality" finish for paint in new or excellent condition, and it adds a U/V and sealant protection. It will put that final "wet-look" finish on good paint, and can be used as a final step for maximum gloss after using a dry wash cleaner/polish such as Nuvite NuPower II. With regular NuGlaze use, a continuing surface barrier against most of the effects of airborne chemicals and ultraviolet radiation is created. Paint can be maintained in "new" condition longer and maintain the color balance intended by the manufacturer with regular use. Bugs and normal soil remove easily from a NuGlaze surface, and the added gloss keeps the "new paint" look longer. NuGlaze is simple to use and avoids complicated setups and special application or buffing equipment. Proven techniques and continuing technology advancement from Nuvite have come together to produce NuGlaze - the best thing you can do to maintain and protect your near-new or "new-looking" paint.

- 1 gal. .................. $43.95
- 5 gal. ................... $197.95

**NUVITE CITRI-CUT CLEANER**

Nuvite CitriCut is a citrus based airframe wetwash and wipe-down cleaner. Pleasant citrus smelling wet wash or wipe down cleaner that is especially friendly to the environment. Works great for standard wet washing with mops or scrub pads. When used as a wet wash, water sheets off, minimizing water spotting. Citricut is also handy for hand cleaning or hand wipe down without need for rinse - so there is no need for water or floor cleanup. Spray CitriCut at 1:8 from hand trigger sprayer for hand deburring or wipe-down and wipe with Terry towel until clean. Use a clean towel to buff up surface shine. No need to rinse surface. Supplied as concentrate—use 1:8 for hand wipe down or 1:16 in wet wash water.

- P/ N 09-00584.................. $12.95

**NUVITE ONE-TIMER KITS**

Clean & Polish in One Step!

- Two quarts of Famous Nuvite NuPower II cleaner/polish. Will clean tough dirt & oil and give your paint a slick, shiny "New Paint" look and leave a protective coating against the sun's U/V damage. Includes three Terry application towels and three Terry polishing clothes. For Nuvite NuPower II details see Part No. 09-00581 & 09-00580. P/N 09-02026.............. $59.50

- Restore Your Paint to Look Great Again! Two quarts of super Nuvite NuPol heavy-duty cleaner and paint restorer—will clean up a really "grimy one", removing paint surface oxidation to reveal the bright color paint you once had, and leave an amazing super shine with U/V protection! Includes two special spin fiber application pads and three Terry polishing clothes. For Nuvite NuPol details see Part No. 09-00583 & 09-00582. P/N 09-02027.............. $57.85

**NUVITE C-49 SUPERCLEANER**

Nuvite C-49 SuperCleaner is the most versatile and effective cleaner you can buy when you want to clean fabrics, leather, carpet, plastics, laminates and even metals! In other words, for cleaning all types of surfaces generally found in commercial & private aviation, building or institutional interiors, RV, truck and marine interiors, or even home interiors!

- P/N 09-02089.................. $6.95

**NUVITE SS9-3 CLEANER**

Nuvite SS-9-3 is the championship-cleaner answer to the need for an effective and safe all-purpose liquid alkaline cleaner. It will clean the toughest of underbelly grease, oils and fluid leakage at full strength, or can be diluted to 1:12 to make an easy-to-use debugger and whole-airframe wipe-down fluid that leaves a beautiful squeaky-clean and shiny surface that does not need to be rinsed. It works great in-place cleaning during other airframe or engine maintenance.

- Quart .................. $5.50
- 1 gallon ................. $13.95
- 5 gallon ................ $68.75
- 55 gallon ................ $654.50

**NUVITE LEATHER GUARD**

Nuvite Leather Guard helps you keep that brand-new, supple, fine finished leather look and feel for luxury aircraft, RV or automotive seating, fine furniture or institutional use. Leather Guard is the finest leather conditioning formula available for leather nutrition.

- P/N 09-02091 .................. $11.95

**NUVITE POLISH/PROTECTANT SYSTEMS**

Nuvite’s surface finish enhancement and protection technology offers the highest-performance surface maintenance and protection systems available. These products are designed to be used on your aircraft, boat, recreational vehicle, truck, auto or other vehicle anywhere, any-time. Nuvite has the answer for your operations in an EPA-sensitive environment.

**NUPOL POLISH / RESTORER / UV PROTECTANT**

Same easy wipe on, let dry, wipe off surface cleaner with enhanced cleaning and oxidation removal capabilities. Ideal for thorough cleaning due to intervals between cleanings. Leaves a beautiful shine and an effective UV protective barrier.

<table>
<thead>
<tr>
<th>Qt.</th>
<th>P/N 09-00583</th>
<th>$11.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gal.</td>
<td>P/N 09-00581</td>
<td>$34.95</td>
</tr>
</tbody>
</table>

**NUPOWER II POLISH/UV PROTECTANT**

Dry Wash Cleaner and Polish (Routine dry wash cleaning with gloss enhancement and UV protective barrier) - Use for routine cleaning where wetwashing is not possible or gloss enhancement is desired. Contains non-abrasive media to remove even stubborn soiling. Cleans dirt, carbon and oil and leaves a protective barrier against UV deterioration of paint. Can also be used to clean bare metal surfaces. Apply with mop, spun cotton pad, or by hand. Agitate uniformly over area to be cleaned with material to a very thin layer. Let dry completely and buff off by hand with clean Terry towel. Supplied ready-to-use.

<table>
<thead>
<tr>
<th>Qt.</th>
<th>P/N 09-00581</th>
<th>$10.95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gal.</td>
<td>P/N 09-00580</td>
<td>$32.95</td>
</tr>
</tbody>
</table>

**NUVISHINE II POLISH / SYSTEM**

Nuvite engineers have formulated a system of polishes to meet the needs for almost any metal and paint polishing project. New metal to antique, the formulations in the Nuvishine II polishing system will give superior definition, highlights, imagery, clarity, and will retain the finish longer than normal polishes. Nuvite’s Nuvishine II graded polishes use high technology materials with programmed abrasive characteristics and are blended with superior carriers to offer the ability to produce cleaning action when needed, yet offer micron-level finishing in the finer grades that produces highest reflectance and image excellence.

**NUSHINE II POLISH SYSTEMS**

Polishes for both metal and paint finishing that will provide the finest surface finish available. Has been shown to outperform all other aviation, automotive and marine polishes in side-by-side testing by users throughout the world. Affords the operator the choice to select the grade of polish to match the needs of the surface to be polished, be it brand new, oxidized in use, or with atmospheric corrosion. Nuvishine II not only polishes paints and metals to an incredibly deep, clear and image-reflecting surface, but also imparts a protective chemical barrier to inhibit corrosive oxidation to the metal.

- Grade F 1/2 lb. .................. P/N 09-02086 | $37.50 |
- Grade F 1 lb. ..................... P/N 09-02087 | $52.75 |
- Grade F 1 lb. ..................... P/N 09-02087-1 | $52.75 |
- Grade Grade A 1/2 lb. .......... P/N 09-02088  | $37.85 |
AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

POLISHES – CLEANERS

AERO GLOSS

Aero Gloss polish is used by 80% of the world’s major airlines. It is now available to the general aviation and experimental aircraft market. Removes turbine soot and exhaust stains from paints. It is an excellent plexiglass polish and can be applied with a power buffer. Takes 1-2 passes and 3-4 hours to polish an average Cessna 182 with Aero Gloss.

Pint...... P/N 09-038100 $19.95
Gallon...... P/N 09-38101 $63.75
5 Gallon...... P/N 09-02180 $289.95

STAR BRITE AIRCRAFT POLISH

This exceptional new polish cleans off dirt, stains and oxidation and restores the original bright color of the aircraft leaving a dazzling shine. StarBrite also cuts fuel consumption and boosts speed by reducing drag an amazing 5.5%. Contains no wax, will be enough for most single engine planes and two will do most light aircraft. Recommended by LP Aero Plastics and other leading aircraft windshield manufacturers. Our 210® Plastic Cleaner & 210® Plus Anti-Static plastic scratch remover, (100) 9”x 16” markers and paint oversprays - Removes residue glue from protective backings and masking tape - Evaporating properties in the formula - cleaning is quick and easy without leaving any streaks or swirl marks - Resists fingerprints - Seals pores in plastic and leaves a protective coating - Pleasant clean aroma - Gives plastic a clear, lustrous look.

32 OZ...... $14.65
P/N 09-03806 $69.95
P/N 09-03807 $129.95

SKYWASH DRYWASH & WAX

Cleans gently. Stay-Crystals in one step, especially aluminum and chrome surfaces, is value preserving and leaves a clean and high-gloss surface. Can also be applied on damp surfaces. Protects long term against harsh environment, salt, UV-rays and oxidation. Protects from corrosion by its environmentally friendly additives. Can be used on all painted or unpainted surfaces, does not attack metals, plastics, glass and plexiglass. Due to its high production safety, it also works particularly well on aluminum and chromium plated surfaces. 16 FL. OZ. in Pint. Made in the U.S.A.

P/N 09-00157 $16.75

TOP GUN ULTRA FINISH

One-step product for all aircraft finishes. Removes surface contamination and oxidizes through a unique chemical process, rather than using harsh abrasives. The coating left behind is not a wax, but an extremely hard and durable sealant. This affords superior long term protection (up to 12 months or longer), and easier cleaning of your finish. Once applied, bugs and corrosive elements remove more easily. Very effective in restoring clarity to plexiglass windshields, side windows, and lenses. 16 fl. oz. in Pint.

P/N 09-00192 $249.95

SEAL-A-PLANE

Unlike products that were designed for the automobile industry, Seal-A-Plane is for aircraft and protects the aircraft surfaces from harmful UV rays and corrosion. Common waxes break down in the sun. Seal-A-Plane actually gets harder in the sun and is stable up to 500 degrees F. Seal-A-Plane contains no silicones and is non-corrosive. It normally only requires application once a year (depending on the planes operating environment) and can be used on any surface including fiberglass and Plexiglas. One 16 ounce bottle will be enough for most single engine planes and two will do most light twins.

P/N 09-00157 $14.65

MASTER FORMULA - SEALER GLOSS

Master Formula Sealer Gloss protects and conserves in one step, especially aluminum and chrome surfaces, is value preserving and leaves a clean and high-gloss surface. Can also be applied on damp surfaces. Protects long term against harsh environment, salt, UV-rays and oxidation. Protects from corrosion by its environmentally friendly additives. Can be used on all painted or unpainted surfaces, does not attack metals, plastics, glass and plexiglass. Due to its high production safety, it also works particularly well on aluminum and chromium plated surfaces. 16 FL. OZ. in Pint. Made in the U.S.A.

P/N 09-01650 $27.50

BLUE MAGIC METAL POLISH

Blue Magic produces a deep mirror shine. The oxide residue left after polishing is easily wiped off with a rag. A small amount will polish a large area. Airshow aerobatic pilot Chuck Lischer, Jr., whose high performance Swift is shown here, recommends Blue Magic as the best polish available for polished aluminum finish.

500 lb. Can...... P/N 09-24600 $10.50

MET-ALL DETAIL POLISHING KIT

Met-All’s Detail Polishing Kit will show a produce show room finish on bare metal, painted surfaces and fiberglass using Met-All polishes and premium bonnets. Each bonnet features a recessed loop back so the edge can be effectively used with less concern for mar ring the finish. Change pads quickly and easily. Ideal for polishing aircraft, cars, motorcycles, boats etc.

P/N 09-00448 $34.50

210® PLASTIC CLEANER/POLISH

- Anti-Static, Anti-Fog - Will remove marks from crayons, magic markers and paint oversprays - Removes residue glue from protective backings and masking tape - Evaporating properties in the formula - cleaning is quick and easy without leaving any streaks or swirl marks - Resists fingerprints - Seals pores in plastic and leaves a protective coating - Pleasant clean aroma - Gives plastic a clear, lustrous look.

2 oz. P/N 09-00518 $8.95
14 oz. P/N 09-00517 $9.85

210® PLUS PLASTIC SCRATCH REMOVER

- Extremely mild abrasive compound, with anti-static and anti-fog properties in its formula - ideal for the removal of surface scratches and blemishes from windshields or heavy cleaning of all plastic materials - Water soluble, excess can be wiped off with a wet sponge or cloth - Easy to use.

15 oz. P/N 09-00519 $12.95

210® WINDSHIELD CARE KIT

Recommended by LP Aero Plastics and other leading aircraft windshield manufacturerers, our 210® Plastic Cleaner & 210® Plus will help keep your windshield crystal clear and scratch free for safe, enjoyable flying. Our Windsheild Care Kit Contains: (1) 7 oz. 210® Anti Static/Anti Fog cleaner & polish, (1) 7.5 oz. 210® Plus Anti-Static plastic scratch remover, (100) 9”x 16” Sontara Aircraft Wipes.

P/N 09-00521 $39.95

CLEAR VIEW PLASTIC POLISH AND PROTECTANT

Clear View™ makes clear plastics look like new. It is designed to fill in fine scratches on plastic windshields and windows, leaving a perfect like new finish. It leaves no residue, just spray it on and wipe it off. It is safe on all plastics and is non-abrasive.

13 oz. P/N 09-00531 $7.50

EASY ALUMINUM POLISH

EASY ALUMINUM POLISH - Imagine a metal polish so brilliant that billet aluminum looks like chrome! How about achieving these results in seconds with no effort! And what if this “mirror” shine you’ve just created lasted for an unbelievably long time before needing touch-up? This is PPC’s EASY POLISH! Months of tedious research and formulation led to the development of this incredible product – easiest to use, shinier than ever, longest-lasting protection in the industry. Find out why EASY is the metal polish you will use by both vehicle manufacturers and auto enthusiasts! Dazzling Shine in Seconds! Polishes without scratching. Removes hazeing, discoloration and water spots. Restores depth, gloss, clarity. Protects with acrylic polymer barrier. Works on all metals, even jewelry.

32 oz. P/N 09-04365 $35.70

AIRCRAFT SPRUCE WEST
438
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice
AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

**CLEANERS**

**XHAUST & SOOT REMOVER**
A powerful, concentrated, multipurpose aircraft cleaner / degreaser formulated to clean the toughest exhaust soot, belly grime and bug splats – all while being gentle on all aircraft surfaces. MEETS BOEING D6-17487 REVISION R. Earth friendly! It is water soluble, nonflammable, nontoxic and biodegradable. It will not harm rubber, insulation, plastics or wiring.

- 1 Gallon... P/N 09-03836 ........ $23.95
- 5 Gallon... P/N 09-03837 ........ $108.85
- 30 Gallon... P/N 09-03838 .......... $336.56
- 55 Gallon... P/N 09-03839 .......... $658.00

**AERO GLIDE DRY WASH**
One-Step Dry Wash, Polish & Friction Reducer. Leaves a high gloss protective finish on aircraft and other vehicles that reduces surface friction and exhaust stains. Apply either directly onto the surface to be cleaned or pour a small amount onto a cloth and wipe on. Any soft, lint free cloth will work fine. Microfiber rags or applicator pads are excellent for this purpose. As you wipe away dirt, grime and exhaust away, Aero-Glide will leave a bright lustrous brilliant shine.

- 16 oz. P/N 09-03815 ........ $16.65
- 1 Gallon... P/N 09-03816 ........ $49.90
- 5 Gallon... P/N 09-03817 ........ $230.95
- 30 Gallon... P/N 09-03818 .......... $1,280.00
- 55 Gallon... P/N 09-03821 .......... $2,087.00

**MR DETAIL INSTANT DETAILEER**
The instant detailer that cleans and shines like magic. Get that ‘just detailed’ look between regular washing and waxing (or RejX-ing). Quickly and easily removes dust, road film, fingerprints, streaks and water spots safely from most vehicle surfaces. Make sure surface to be treated is cool to the touch. Mist Mr. Detail onto a small area (approximately 1-8 square feet). Wipe until area is clean and shiny, and Mr. Detail is absorbed into the cloth. Do not allow excess product to dry on the vehicle.

- 16 oz. P/N 09-03822 ........ $8.90
- 32 oz. P/N 09-03823 ........ $15.90
- 1 Gallon... P/N 09-03824 ........ $35.90
- 5 Gallon... P/N 09-03825 .......... $139.75

**NVIRO SOLVE AIRCRAFT BELLY CLEANER / DEGREASER**
A bio-based organic cleaner made from various plant and fruit derivatives. Removes baked-on oil deposits, as well as heavy grease, from painted or unpainted surfaces. Totally biodegradable when rinsed with water. Can be diluted 3:1 with water to dissolve lighter accumulations.

- 16 oz. P/N 09-03826 ........ $14.90
- 1 Gallon... P/N 09-03827 .......... $33.59
- 5 Gallon... P/N 09-03828 .......... $184.75
- 30 Gallon... P/N 09-03829 .......... $741.00
- 55 Gallon... P/N 09-03830 .......... $1,280.00

**PRO WASH RX PH NEUTRAL SOAP**
Super-concentrated, pH balanced, shine enhancing soap. Contains special rinsing agents that help eliminate spotting and streaking. Apply with a sponge or soft bristled brush, and agitate the rich foamy suds, rinse, and towel dry or air dry.

- 1/2 Gallon... P/N 09-03831 .......... $17.90
- 1 Gallon... P/N 09-03832 .......... $22.68
- 5 Gallon... P/N 09-03833 .......... $114.75
- 30 Gallon... P/N 09-03834 .......... $422.00
- 55 Gallon... P/N 09-03835 .......... $736.00

**XTREME FINISH DRY WASH & WAX**
Professional Grade Dry Wash & Wax. Designed to clean and provide short-term, high gloss protection for vehicle finishes – all in one step! As you wipe the dirt away, Xtreme Finish will leave a bright, glossy shine.

- 16 oz. P/N 09-03840 ........ $21.50
- 1 Gallon... P/N 09-03841 .......... $53.59
- 5 Gallon... P/N 09-03842 .......... $244.95

**5 STAR FOAM MULTI PURPOSE CLEANER**
Use on interior smudge marks, nicotine stains, oily fingerprints and food stains. On exteriors, will effectively clean carbon exhaust, oil and bugs. Can also be used on vinyl, leatherette, plastic, sinks,enameled, varnished and similar surfaces.

P/N 09-03843 ..................... $12.90

**A-PLEX PLEXIGLAS CLEANER**
A-Plex is an anti-static aircraft and marine Plexiglas cleaner, protectant and polish. A-Plex produces a microscopically, high luster, soil retarding, water repellent finish. A-Plex dries with no smudges and no oily residue. Can be applied in seconds. 19 oz. aerosol.

P/N 09-03844 ..................... $12.95

**SKYWASH GALLEY CLEANER**
Safe, Thixotropic Aircraft Cleaning Concentrate – Biodegradable. Water dilutable acid based cleaning concentrate. Removes strongest residues of soil, scale, stains and calcification special in galleys. Is absolutely safe. It is Ammonia and Phosphate Free. Therefore safe on vertical surfaces. Safe on high strength steel, stainless steel, aluminum, most plastics and good quality paint. Does not contain dangerous ingredients, non flammable. The product is also performed to clean coffee maker, coffee pots, teapots etc.

- 16 oz. P/N 09-03837 .......... $9.95
- 1 Gallon... P/N 09-03858 .......... $59.95
- 5 Gallon... P/N 09-03539 .......... $299.95

**SKYWASH COCKPIT CLEANER**
Aircraft Cockpit Cleaner with disinfection – environmentally safe biodegradable. Multifunctional water-soluble effective special cleaner, deodorant and disinfection product for cleaning aircraft interiors and fuel tanks. Safe on vertical or overhead surfaces, non - flammable, no flash point, pleasant odor, vapors non toxic. Safe on aluminum, high strength steel, magnesium and other metals, plexiglass, most plastics and good quality of paint, retards corrosion of aluminum and magnesium structures. Controls odor, is lavender scented.

- 16 oz. P/N 09-03848 .......... $9.95
- 1 Gallon... P/N 09-03851 .......... $59.95
- 5 Gallon... P/N 09-30856 .......... $299.95

**SKYWASH WINDOW CLEANER**

- 16 oz. P/N 09-03851 .......... $9.95
- 1 Gallon... P/N 09-03852 .......... $59.95
- 5 Gallon... P/N 09-03853 .......... $299.95

**SKYWASH CABIN CLEANER**
Aircraft Cockpit Cleaner with disinfection - environmentally safe biodegradable effective special cleaner, deodorant and disinfection product for cleaning aircraft interiors and fuel tanks. Safe on vertical or overhead surfaces, non - flammable, no flash point, pleasant odor, vapors non toxic. Safe on aluminum, high strength steel, magnesium and other metals, plexiglass, most plastics and good quality of paint, retards corrosion of aluminum and magnesium structures. Controls odor, is lavender scented.

- 16 oz. P/N 09-03848 .......... $9.95
- 1 Gallon... P/N 09-03851 .......... $59.95
- 5 Gallon... P/N 09-03853 .......... $299.95

**SKYWASH LAVATORY CLEANER**
Safe and thixotropic aircraft lavatory cleaning concentrate – biodegradable. Effectively removes water scale and stains from stainless steel. Allows for in-place cleaning, eliminating the need to disassemble toilet systems from the aircraft. Cleans and decalcify galley equipment. Thickened for better cling on vertical surfaces. Safe on stainless steel, most plastics and good quality paint. Not safe for use on high strength steel, zinc or magnesium.

- 16 oz. P/N 09-03845 .......... $11.95
- 1 Gallon... P/N 09-03846 .......... $69.95
- 5 Gallon... P/N 09-03847 .......... $329.95

**SKYWASH LEATHER CLEANER**
Environmentally safe, biodegradable - non-flammable, solvent free. Cleans and maintains in one step. Removes things like coffee, cocoa, fruit juices, tomato juice, Coca Cola, wine, sparkling wine, beer, Cognac, pen, environmental dirt etc. Leather surfaces remain natural.

- 16 oz. P/N 09-03863 .......... $18.95
- 1 Gallon... P/N 09-03864 .......... $119.95
- 5 Gallon... P/N 09-03865 .......... $495.95

**SKYWASH POLISH & SEALANT**
Can be used on all surfaces painted or unpainted, cleans, gently protects, and conserves at the same time. Particularly well on aluminum and chromium plated surfaces. Protects long term against harsh environment, salt, acid rain, other pollutants, UV-rays and oxidation.

- 16 oz. P/N 09-03860 .......... $39.95
- 1 Gallon... P/N 09-03861 .......... $299.95
- 5 Gallon... P/N 09-03862 .......... $1,295.00
Voodoo Wax Cleaner Polish is the ideal companion product to use prior to Voodoo Wax Racing Formula. P/N 09-00924 $16.95

NEWSTAX AIRCRAFT EXHAUST POLISHING KIT
Restores polished aircraft exhaust stacks to a flaw-
less mirror finish, fast! Specifically developed to al-
low anyone to achieve a professional grade finish
without the high cost or downtime associated with
sending the exhaust stacks to the manufacturer
for polishing. 2 step nonabrasive process. This complete kit contains everything needed to revitalize and polish 4 exhaust stacks
P/N 09-04024 $129.95

PLAS-TEC® ACRYLIC SHEET/PLASTIC CLEANER
Plas-Tec® cleans, shines, and protects today’s high-
techn plastics. Plas-Tec® is a non-aggressive, opti-
cally clear cleaner that lifts fingerprints and smudges, leaving a clear, static-protective, anti-static, dirt build-up.
Plas-Tec® is excellent for use on acrylic, Lexan, or Plexiglass windscreens and windows as well as aircraft instrument panels, and many other applications.
4 oz. Can P/N 09-00308 $4.50
16 oz. Can P/N 09-00309 $9.50
1 Gal. Can P/N 09-00310 $29.75

REJEX SOIL BARRIER & STAIN PROTECTOR
Rejex™ is an advanced polymer system that seals painted surfaces to guard against corrosive exhaust gas, oil, and bug stains. It forms a slick, long-lasting, glass-like bar-
errier that allows easy removal of turbo-engine exhaust stains with mild detergents. Bugs can be removed quickly and easily with just a stream of plain water. On paint in good condition, Rejex eliminates the need for waxes and polishes, and one application will last a minimum of 4 months. Surfaces to be protected should be clean, dry, and cool to the touch and the product should not be applied in direct sunlight. Damaging contaminants, such as bug acids and exhaust stains, will no longer be an issue. High Gloss Finish
12oz. Can P/N 09-01729 $13.95
16 oz. Can P/N 09-00303 $17.95
1 gal. Can P/N 09-00924 $129.95

BRILLIANIZE
Brillianize makes shiny surfaces brilliant. The cleaned surface resists fingerprinting and has anti-static properties, repels dust. It is a nonflammable and nontoxic liquid. Use it to clean Plexi-
glass, Lexan, mirrors, chrome - any shiny surface. Apply and polish with Kleenmaster shop towels.
8 oz. spray bottle P/N 09-024000 $9.50
128PB-1 gal. plastic bottle P/N 09-024100 $27.50

SPEED CLEAN™ - PLASTIC CLEANER/PROTECTOR
Just spray it on, let it work, and gently wipe off with a soft
cloth. The surface is clean, protected and will be even
cleaner to clean the next time! Now you can safely Clean and pro-
tect just about anything in your life that gets messy.
Plastic surfaces, are found on aircraft, automobiles, & trucks. Dissolves most dried up bug matter, bug juice, and engine exhaust soot from surfaces of
cars, motorcycles, kitchens, motorcycles, watches, and the list goes on. Once you clean the surface, Speed Clean™ leaves an invisible
velvet smooth surface that helps dust and dirt from sticking
to it. Cleaned surfaces will be static & dust free for weeks.
and everything will be even easier to clean the next time. 16
oz. bottle P/N 09-01962 $14.85

OMR BUG & EXHAUST REMOVER
OMR bug & exhaust remover designed to remove organic
matter, bug juice, and engine exhaust soot from surfaces of aircraft, automobiles, & trucks. Dissolves most dried up bug
matter and exhaust soot in seconds. It eliminates scratching and does not affect painted surfaces.
1 Qt. (Spray Bottle) P/N 09-35710 $9.75
1 Gal. Refill P/N 09-35712 $15.85

ACTION CHIPKIT
Fixes Paint Chips and Scratches
The Action Chipkit stops rust around paint chips and
scratches and produces repairs which are flush with the rest
of the paint. The kit includes the Easy Rust Remover which is used to prepare the surface, and then the kit’s clear
paint sealer is applied. The kit’s microfine sanding papers
and sanding block are used to create a smooth and flush
finish. Exafine polishing compound completes the job by
removing irregularities and restoring gloss. Everything you need for small paint chip repairs is included in the easy-to-
use Action Chipkit.
P/N 09-27225 $16.50
PLEXIGLASS CLEANERS & POLISHES

NOVUS PLASTIC POLISH

#1 CLEANS & PROTECTS
Novus Plastic Polish #1 gently cleans all plastics without scratching and leaves a lustrous shine that resists fogging, repels dust, and eliminates static. Leaves a shield that resists fingerprints and smudging, and is non-toxic and free of strong odors. Contains no abrasives or harsh chemicals.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-38110</td>
<td>$4.65</td>
</tr>
<tr>
<td>P/N 09-38115</td>
<td>$12.75</td>
</tr>
</tbody>
</table>

NOVUS PLASTIC POLISH #2
Novus Plastic Polish #2 removes fine scratches, haziness, and abrasions from most plastics. With repeated use, it will restore faded and discolored plastics. Contains mild abrasives, but is non-toxic and has no strong odor. Creates a deep shine which resists scratching, marking, and aging.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-38120</td>
<td>$9.75</td>
</tr>
<tr>
<td>P/N 09-38125</td>
<td>$25.50</td>
</tr>
</tbody>
</table>

NOVUS PLASTIC POLISH #3
Novus No. 3 removes heavy scratches and abrasions from most acrylic surfaces. This is an aggressive polish and is not intended for use on coated plastics or polycarbonates. Requires both Novus No. 1 and No. 2 polishes for final finishing.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-38130</td>
<td>$7.50</td>
</tr>
<tr>
<td>P/N 09-02397</td>
<td>$33.25</td>
</tr>
</tbody>
</table>

SCRATCH OFF WINDSHIELD REPAIR KIT
Developed by an A&P and manufactured since 1993, Scratch Off has become the leading Plexiglas and Lexan restoration system worldwide and is guaranteed, when used as directed, to permanently improve the clarity of aircraft windows and windshields. Scratch-Off is being used worldwide and highly recommended by airframes, aircraft window/ windshield manufacturers and enthusiasts to restore optical clarity back to aircraft windshields and windows. The 8 panel instruction booklet walks you through a step by step process on how to determine where to start the process as all four steps are not always needed.

| Standard Kit | P/N 09-42600 | $36.75 |
| Deluxe Kit | P/N 00025 | $65.75 |

Please see our website for a complete list of all kit details.

POLY-SAND SCRATCH REMOVER
This is the original Poly-Sand process. Consists of a series of cloth-backed cushioned abrasives which when used in proper sequence will restore the finish of plastics. Also used for fine finishing of wood and precious metals. Recommended by Rohm & Haas Co., manufacturers of Plexiglas. Kit includes series of Poly-Sand cushioned abrasive cloth tapes, all required accessories and instructions.

| PCA Kit | P/N 09-24800 | $27.95 |

UNIGRIT™ SANDING PRODUCTS
Unigrit® Finishing Papers & Sanding Blocks use precise, uniform grit particles to eliminate deep sanding scratches and the need for compounds. More economical to use because they work faster, last longer and won’t load up as quickly as conventional sanding products.

<table>
<thead>
<tr>
<th>Grit</th>
<th>Sheet Size (in)</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>5.5x9</td>
<td>09-23580</td>
<td>$0.85</td>
</tr>
<tr>
<td>1200</td>
<td>5.5x9</td>
<td>09-23590</td>
<td>$0.92</td>
</tr>
<tr>
<td>1500</td>
<td>5.5x9</td>
<td>09-23610</td>
<td>$1.02</td>
</tr>
<tr>
<td>2000</td>
<td>5.5x9</td>
<td>09-23620</td>
<td>$1.06</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grit</th>
<th>Block Size (mm)</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>1000</td>
<td>60x30</td>
<td>09-23640</td>
<td>$16.95</td>
</tr>
<tr>
<td>1200</td>
<td>60x30</td>
<td>09-23650</td>
<td>$17.00</td>
</tr>
<tr>
<td>1500</td>
<td>60x30</td>
<td>09-23660</td>
<td>$17.00</td>
</tr>
<tr>
<td>2000</td>
<td>60x30</td>
<td>09-23620</td>
<td>$17.00</td>
</tr>
</tbody>
</table>

PLEXUS AIRCRAFT PLASTIC CLEANER, PROTECTANT & POLISH
Plexus™ was developed for use in aviation, specifically for cleaning and protecting aircraft windshields and painted surfaces. It’s quite simply the most effective product you can buy for cleaning, polishing and protecting all clear and colored plastics and painted surfaces. Plexus is easier to use, and leaves a noticeably cleaner, more lustrous finish than conventional polishes. It protects by actually sealing the pores in plastic making it more resistant to debris, oil, bugs or scratches. Because it’s anti-static, it repels dust and lint. It’s perfect for windshields and the leading edges of the wings, as well as for removing exhaust stains and cleaning wheel wells. Also, Plexus leaves windshields without harmful abrasives. It leaves an invisible, micro-thin layer of wax without smears or smudges. It dries to a crystal clear luster, leaving no oily, sticky or tacky residue. It’s the ultimate detailer for your aircraft. So, if you’re looking for a better way to save time, money and help protect your valuable investment, it’s clearly brilliant. Plexus. Clearly the best. Plexus contains no CFC’s, so it’s safe for the environment. And because it’s an aerosol, there is virtually no waste.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-29715</td>
<td>$16.50ea</td>
</tr>
<tr>
<td>P/N 09-29710</td>
<td>$16.50ea</td>
</tr>
<tr>
<td>P/N 09-29710</td>
<td>$19.65ea</td>
</tr>
</tbody>
</table>

PERMATEX PLASTIC CLEANER

| #403D Pint Can | P/N 000344 | $8.75 |

LP AERO’S ACRYLIC POLISH SEALANT FOR AIRCRAFT WINDSHIELDS
A superior no-wax, non-yellowing formula containing polyethylene polymer. This product not only gives a super slick surface to your windshield and windows, but can also be used on your entire aircraft, including all the painted gloss surfaces, aluminum & fiberglass. Ease of application and removal is unmatched. Sold in 16 oz. bottles.

| P/N 09-42055 | $17.85 |

SPRAYWAY #848 PLASTIC CLEANER
Sprayway plastic cleaner contains no chemicals or abrasives that will cause damage to transparent surfaces. This formula is anti-static, anti-fog, fast-drying, non-streaking, and it reduces glare. It also repels finger smudges, dirt, and dust. Great for use on acrylics, plexiglass, lexan, glass, and polycarbonates. No. #848 meets the following military and commercial specifications:
- MIL P5425
- MIL P25690A
- Douglas Aircraft CSD-1
- ANSI/ASTM F484-77
- Boeing Letter-Lexan 9600

Product is free of ozone-depleting chlorfluorocarbons (CFC’s).

| P/N 09-42060 | $7.95 |

PLEXI-CLEAR ACRYLIC CLEANER
Plexi-Clear is an anti-static aircraft plexiglass cleaner, protectant, and polish. Plexi-Clear produces a microscopic, high luster, soil retarding and water repellent finish to all aircraft plexiglass and plastic and makes small scratches less visible, leaving a surface that is fresh, lustrous, and protected. Plexi-Clear dries perfectly with no soaps, no scratches, no smudges, no oily, tacky or sticky residue. Plexi-Clear can be applied in seconds, in one easy step. Boeing and Mil spec. Approved.

| P/N 09-37960 | $13.50ea |

WINBRIGHT PLASTIC CLEANER
WinBRIGHT is safe to use on any polycarbonate, acrylic, or plexiglass window. Developed for aircraft transparencies, but perfect for any plastic surface-AIRCRAFT, MOTORCRAFT, WINDSCREENS, BOATS, AQUARIUMS, CONVERTIBLE WINDOWS, INSTRUMENT PANELS, BIMINI TOPS, SAFETY GLASSES, RVs, CD's. This professional strength spray with Micro-Brighteners leaves surfaces sparkling clear and clean. Removes dust, dirt, stains, smudges and finger prints. Optical clarity improves with extended use. Clean surface with water first, then simply spray WinBRITE onto a dampened flannel cloth and polish into the surface of the window until polish disappears. Contains no wax, solvents or ammonia and leaves no residue or build-up.

| 802 Spray | P/N 09-02079 | $13.85 |

Prices Subject to Change Without Notice
POLISHES – WAXES – CLEANERS

MICRO-MESH LEADING EDGE POLISHING KIT
This kit will restore up to 100 sq. feet of unpainted aluminum surface. Perfect for leading edges, vertical and horizontal stabilizers, engine nose cones and thrust reversers, removes oxidation, corrosion, orange peel, and surface scratches. Provides a uniform high-luster gloss.

Specifications:
- 1 - instructions
- 2 - 5" loop discs, Micro-Mesh 1800 AO
- 2 - 5" loop discs, Micro-Mesh 3200 AO
- 1 - 1/4 lb. container aluminum polish
- 2 - flannel cloths
- 2 - 5" loop discs, Micro-Mesh 3200 AO
- 1 - 5" x 3/4" nap TUFBUF lambswool polishing pad
- 1 - 1/4 lb. container aluminum polish

P/N 09-00785 ........................................................................................................ $109.95

BOOTYWAX PURPLE GLAZE
A easy on and even easier off polish, wax and light hand glaze, all in one bottle. Deep cleans, deep shines, and gently removes light oxidation, fine scratches, buffer swirl marks. It’s deep penetrating high gloss finish is safe on all windows, paint surfaces chrome trim and wheels. Repels dirt, bugs and even brake dust on aircraft and vehicle. Sheds water like crazy.

16 oz. ............... P/N 09-02436 ............................................................... $17.50

BOOTYPREP LIQUID GOLD
When wax alone is not enough. Body Shop Safe - No wax or silicone. Can apply by hand. Deeply penetrates as it cleans, polishes, a controlled 1500 cut safely removes heavier oxidation, fine surface scratches, swirl marks and is an excellent color restorer. Follow with a coat of BootyWax Purple Glaze to “Seal the Deal” with an even deeper shine.

16 oz. ............... P/N 09-02438 ............................................................... $21.50

BOOTYMARINE CRUD CUTTER GRAY
Deep cleans the way for a micro sanding-polishing action that waxes and seals itself all in one step saving you time and money. Great protection against all future harsh weather elements, sun, water lines, mildew, salt and river scum.

16 oz. ............... P/N 09-02440 ............................................................... $28.85

3M™ PREMIUM LIQUID WAX
Clear coat safe wax. Use on all cured paint finishes. For use by hand or with an orbital polisher. Produces a high-gloss, deep-luster, durable finish on both new and used car paints. Special formulation is capable of removing road film or light oxidation from car finishes. Heavily oxidized finishes may require compounding with 3M™ Super Duty Rubbing Compound (PN39004) prior to applying wax. Quart Size.

P/N 09-01440 ............................................................... $22.50

THOR AERO BRUSH
This a 10" foam block that is completely filled with one threaded green nylon. This brush will effectively remove oil, grease, exhaust fumes, and other oily residues. 60" length metal handle not included, order separately.

Thor Aero Brush P/N 09-00897 ............................................................... $18.50
Handle For Brush P/N 09-02097 ............................................................... $10.65

KPC PRODUCTS, CLEANERS, AND PRESERVATIVES

WINDSHIELD SPEED CLEANER & POLISH - KPC Windshield Shield Speed Cleaner & Polish for Transparent Plastic Aircraft Materials. Meets U.S.A. Military Requirements MIL-C-18767A (ASG). This product is non-static, non-glaring, and abrasive free, will help prevent hazing and discoloration of clear plastic materials. Can be used in arid, humid, rain or sunny conditions. Recommended for: plastic windows, windshields, windscreens, and instrument faces, AS-2 safety glass, plexiglas, lexan and mylar, formica and other structural plastics. Safe, quick, easy to use.

12 oz. ............... P/N 09-00544 ............................................................... $12.65
1 gal. ............... P/N 09-00545 ............................................................... $49.05

KPC VINYL COATED CLEANER AND PRESERVATIVE - KPC Vinyl Cleaner and Preservative is a neutral biodegradable spray on - wipe off chemical. The finest chemical available for cleaning and preserving your breathable or solid vinyl, deep grained vinyls, pearlized vinyl, hercolyn, leatherette, naf-gahyde, or any synthetic fabric. No abrasives, residue, coating, or discoloration. KPC Vinyl Cleaner will not damage cloth, rugs, chrome, painted walls or any of the threads or seals that hold the injector together, or any backing of breathable vinyl as used on some of the imported cars. Leaves article soft and pliable.

12 oz. ............... P/N 09-00542 ............................................................... $9.27

KPC RUBBER CLEANER AND PRESERVATIVE - KPC Rubber Cleaner and Preservative restores new look to your rubber accessories. All rubber parts will look like new (no painted or artificial look). Cleans and preserves all rubber molding of aircraft, auto, commercial, etc. Cleans and restores floor mats whether clear, red, brown, etc. to their original color. Not harmful to paint, glass, chrome, rugs, aluminum, etc., and will not change the original color of any rubber material.

16 oz. ............... P/N 09-00548 ............................................................... $8.95

KPC LEATHER CLEANER & PRESERVATIVE - KPC Leather Cleaner and Preservative cleans genuine leather with a saddle soap base -preserves leather with pure neatfoot oil. A one step leather care for all leather goods. Wipe on - wipe off. No oily residue is left on your leather. Kleenmaster uses only natural animal oils which penetrate into the leather. It preserves the finish even if leather becomes hot. Product is nonflammable, free of offensive odor, and will not irritate skin. Helps prevent mildew.

4 oz. ............... P/N 09-00550 ............................................................... $4.75
8 oz. ............... P/N 09-00551 ............................................................... $9.65

AEROSHELL FLIGHT JACKET POLISHES AND CLEANERS

AEROSHELL FLIGHT JACKET POLISH - Frees leather of ground-in dirt. Works well on vinyl, plastic, & rubber. Contains no silicone. P/N 09-00392 ............................................................... $14.65


P/N 09-00393 ............................................................... $12.95

AEROSHELL FLIGHT JACKET OIL & EXHAUST REMOVER - Non-abrasive formula removes exhaust residue without removing Aeroshell Flight Jacket Polish or damaging paint. Safe for all paint surfaces. 16 oz

P/N 09-00394 ............................................................... $9.85

AEROSHELL FLIGHT JACKET INTERIOR CLEANER - Flight Jacket Interior Cleaner frees leather of ground-in dirt and debris. Can also be used on interior trim surfaces including vinyl, plastic and rubber (not recommended for cloth).

P/N 09-00395 ............................................................... $6.95

AEROSHELL FLIGHT JACKET INTERIOR CONDITIONER - Moisturizes and protects leather and vinyl from wear and UV rays. Dries without leaving an oily residue. No messy overspray. Contains no silicone. (7.5-oz. Bottle)

P/N 09-00396 ............................................................... $7.95

Prices Subject to Change Without Notice
AERO SHINE DRY WASH AND PROTECTANT

SHINE is a revolutionary new method of washing and shining your aircraft. It provides a protective coating on your paint in minutes, without water. No buckets, no hoses, no rinsing and drying! Simply spray on the surface and wipe dry. The unique formulation dissolves dirt and stains such as tree sap and bugs. Special lubricating agents encapsulate the dirt so that it can easily be wiped off your aircraft’s delicate surface without scratching. It also leaves a protective film that provides gloss, color enhancement and smoothness that conventional washes fail to deliver.

16 oz. Spray............ P/N 09-04031........... $22.49
Gallon.................. P/N 09-04030........... $79.95

AERO SUDS EXTERIOR SOAP

SUDS Exterior Soap has been specially formulated to powerfully clean your car or aircraft as it protects your wax finish. SUDS is the perfect balance of shielding your wax and protective coatings, while also removing unsightly dirt and road grime. SUDS, the ultimate soap that helps to keep a shine on your paint without harsh stripping agents that can damage surfaces, is environmentally friendly and biodegradable. With SUDS you do not have to worry about water spots or causing “spider web” marks in your paint finish because of its revolutionary lubricating agents to remove the dirt.

2.5 oz. .................. P/N 09-04056........... $4.49
16 oz. ................. P/N 09-04064........... $19.99
Gallon.................. P/N 09-04065........... $77.50

AERO FINALE FINAL DETAILER

Water spots, streaks and undesirable dirt between washes are a thing of the past once you use FINALE on your aircraft. Formulated for both interior and exterior surfaces. Its lubricating agents encapsulate dirt and grime allowing fragile surfaces on your plane, such as paint, to be safe from scratches. Not only does FINALE add a desirable shine and polished look to your plane, but it also places a thin, protective barrier between your car and the elements.

16 oz. .................. P/N 09-04030........... $18.89
Gallon.................. P/N 09-04038........... $68.85

AERO POLISH METAL POLISH

POLISH delivers shine and protection to aluminum, stainless steel, chrome, gold, silver, copper, brass and magnesium. Other paste-type polishes only permit small areas to be shined at once. Their polishing products cannot be allowed to dry or they become difficult (if not impossible) to remove. But with POLISH, users can polish an entire surface, allow it to dry and simply dust it off. What’s left is a beautiful shine without the repetitive rub-on, wipe-off exercise required by other polishes. This product actually has certain proprietary ingredients that allow our POLISH to become finer and finer the more you rub it in.

16 oz. .................. P/N 09-04037........... $35.99
Gallon.................. P/N 09-04046........... $129.50

AERO IMMACULATE INTERIOR CLEANER

Trusted to outperform all other interior cleaners. To ensure that Aero’s aerospace clients keep their planes looking their best, they recommend using this product between every major detail service. Now available to you, IMMACULATE is the secret to how flight crews around the globe keep their VIP aircraft looking brand new. Imagine how IMMACULATE your car or aircraft’s interior will look after using it.

16 oz. .................. P/N 09-04033........... $18.89
Gallon.................. P/N 09-04042........... $68.85

AERO VIEW INTERIOR AND EXTERIOR WINDOW CLEANER

VIEW Glass Cleaner is excellent for cleaning all glass surfaces. It quickly dissolves fingerprints, smudges, dust and dirt while leaving glass and mirrors with a brilliant streak-free shine. This fast acting formula does not streak and will not leave any residue making everything on your plane from plexiglass to lights crystal clear. The ammonia-free product is safe, yet powerful enough to remove unsightly dirt and grime.

16 oz. .................. P/N 09-04048........... $17.99
Gallon.................. P/N 09-04041........... $63.95

AERO SPOT CARPET AND UPHOLSTERY CLEANER

SPOT will allow you to maintain your carpet and fabric upholstery just as owners of VIP aircraft have for years. Allows every pilot to have pristine, impeccable carpet and fabric upholstery. Whether using SPOT to treat a large area or a persnickety, set-in stain from juice or stubborn dirt, the results are Spotless. While some carpet and fabric cleaners leave residues that attract dirt for future stains and spots, Does not leave any residue and will keep the surface looking flawless. Perfect for colorfast carpet and fabric surfaces, it is an all-natural cleaner making it both biodegradable and perfect for your plane.

16 oz. .................. P/N 09-04034........... $18.89
Gallon.................. P/N 09-04043........... $68.85

AERO SUPPLE LEATHER AND VINYL CONDITIONER

SUPPLE Leather Conditioner was developed to maintain the elite leather seats found on VIP aircraft, and now it is available for your plane. Using SUPPLE will ensure that your leather seats last for the life of your aircraft. Using products containing substances such as silicone and waxes that are not specifically designed to condition and protect delicate surfaces similar to leather. When exposed to the elements and everyday traffic, it is essential to replace natural oils into leather interior to prevent deterioration and aging.

16 oz. .................. P/N 09-04035........... $19.79
Gallon.................. P/N 09-04044........... $69.95

AERO AWAY TIRE AND ENGINE DEGREASER

Formulated to remove heavy soil, brake dust and grease found on aircraft safely and effectively, AWAY is an environmentally friendly degreaser. AWAY degreaser will replace a shelf or two of cleaning products in your garage. It works as a bug & tar remover, a wheel cleaner, a tire cleaner and an engine degreaser. AWAY cleaner is powerful enough to cut through grease on engines and baked-on brake dust... even on roughcast aluminum wheels. Tar, sap, and bugs will break down in just a matter of seconds.

16 oz. .................. P/N 09-04036........... $22.49
Gallon.................. P/N 09-04045........... $79.95

AERO PROTECT TIRE AND VINYL POLISH

PROTECT has been designed to penetrate the surface it is applied to. This prevents “SLING” which occurs when products are applied to tires and then “flies off” leaving dirt spots all over your freshly cleaned plane, which means no more dirt spots showing up behind wheel wells or down the side of the fuelage. PROTECT is formulated to recondition a plethora of surfaces. Anything from plastic, fiberglass, vinyl and rubber is a candidate for PROTECT’s astounding protection and conditioning. PROTECT also prohibits UV damage and other natural.

16 oz. .................. P/N 09-04037........... $19.79
Gallon.................. P/N 09-04044........... $69.95

AERO SPOT CLEANING KIT

To add convenience on the go, AERO has packaged six of its top selling interior and exterior products into a customer friendly degreaser. AWAY degreaser will replace a shelf or two of cleaning products in your garage. It works as a bug & tar remover, a wheel cleaner, a tire cleaner and an engine degreaser. AWAY cleaner is powerful enough to cut through grease on engines and baked-on brake dust... even on roughcast aluminum wheels. Tar, sap, and bugs will break down in just a matter of seconds.

Mini 6 Pack Traveler includes 2.5 oz. bottles of: - SHINE, FINALE, AWAY, IMMACULATE, VIEW and SPOT. We also include 1 300GSM Pro Series Microfiber towel, a custom AERO embroidered travel bag and the AERO brochure.

P/N 09-04047........... $33.95

The 6 Pack Traveler includes 16 oz. bottles of: - SHINE, FINALE, AWAY, IMMACULATE, VIEW and PROTECT. Also included are: 2-300GSM Pro Series Microfiber towels, 1-600GSM Pro Series Microfiber towel, a custom AERO embroidered travel bag and the AERO brochure.

P/N 09-04063........... $139.99
**ALL KLEER**

Black Labs Corporation is proud to introduce, All Kleer, the ultimate plastic windshield cleaner and polish. All Kleer was invented by a pilot over 25 years ago for cleaning and maintaining plastic aircraft windshields that required absolute clarity. All Kleer is different than most windshield products on the market as it not only cleans dirt, bugs and grease but leaves a very fine, slick finish. This finish helps to repel water, dust, bugs, and water spotting – making it easier to see and to clean the next time. All Kleer contains no wax, ammonia, or abrasives and does not require the use of any water. A non-pressurized leak proof 8oz bottle is designed to be carried on board if desired. Simply apply All Kleer with a clean towel to a dry windshield cleaning off any bugs and dirt and allow 30-60 seconds for a haze to form. After it has completely dried, wipe off with a clean towel and feel the All Kleer finish.  

P/N 09-01602...............................$5.85

**PIST® ACRYLIC, PLASTIC AND GLASS CLEANER: FOR ALL TYPE OF WINDOWS**

The convenient 13-ounce can is ideal for use on acrylic, stretched acrylic, poly carbonate, glass, and coated glass. It may also be used for cleaning of many other sources including aircraft interiors, goggles, helmets, lenses, and plastic and metal surfaces. PIST® cleaner contains no abrasive cleaning agents and cleans without scratching glass or plastic surfaces. This prevents scratches in acrylic windshields that necessitate costly replacement. Unlike other cleaners, PIST® cleaner dispenses as foam and leaves no residue. The cleaning agent soaks into the dirt, grease and insects to remove them with minimum effort. Suitable for interior and exterior cleaning. PIST® cleaner prevents static charge build-up with regular use.  

13 oz. Can..........P/N 09-02049..............................$4.65  
Case (12 Cans)......P/N 09-02049-1..............................$78.00

**PILOT’S VIEW POLISH & CLEANER**

Put a coat of Pilot’s View Polish on your aircraft windshield and Improve your vision up to 300% in the rain. This product will shed the rain in a huge way! Ideal for GPS, Avionics, Plexiglass Windows and much more! This Product Will Not Scratch Anything! Safe on: Eyeglass/Sunglass lenses, Anti-reflective, protective-coated and shaded lenses, sun visors and plexi windshields.  

1 oz. Spray..............P/N 09-01583...........................$4.75  
27 oz. Sprayer...........P/N 09-01584..........................$11.90  
Kit (27 oz. Sprayer / 1 oz. Spray)...P/N 09-01585..........................$10.95

**GLARE PROFESSIONAL POLISH**

A non-stick high-gloss all-weather sealant. The finest polish for your car, airplane, boat, motorcycle, glass, stainless steel, fiberglass, chrome, Carbon Graphite, and RV in the world’s largest market. Filters out UV Rays, turns to glass on and within your paint. The most revolutionary polish ever developed. Beyond 22nd century technology. Lasts up to five years.  

12oz. P/N 09-01055..............................$27.50

**GLARE SPIDER**

“Another innovation of Ultra 2000 MFG Int’l, Inc.  
Beyond 22nd century technology.”  
GLARE Spider is the most advanced swirl, spider web, and scratch removal product in the market. Ultra high purity metal interlinked fusion of glass particles to Glassplexin forming a unique highly advanced swirl mark remover polish. GLARE Spider fills in permanently, it is NOT a temporary solution - not found anywhere.  

12oz......P/N 09-01061...............................$26.75

**GLARE ULTRA WASH**

“Cleans your vehicle, keeps your shine.”  
The most advanced wash ever developed. A PH balanced concentrated wash. Safe for all paints and finishes including the new clear-coated paints. New technology that leaves your vehicle clean and glossy like no other vehicle wash can. Contains Glassplexin.  

12oz................P/N 09-01062...............................$11.50

**GLARE PROFESSIONAL POLISH – MICRO-FINISH – ULTRA WASH**

Glare Professional Polish – A non-stick high-gloss all-weather sealant. The finest polish for your car, airplane, boat, motorcycle, glass, stainless steel, fiberglass, chrome, Carbon Graphite, and RV in the world’s largest market. Filters out UV Rays, turns to glass on and within your paint. Contains Glassplexin®. Bonds molecularly to your paint. The most revolutionary polish ever developed. Beyond 22nd century technology. Lasts up to five years.  


GLARE Ultra Wash – “Cleans your vehicle & keeps your shine” – The most advanced wash ever developed. A PH balanced concentrated wash. Safe for all paints and finishes including the new clear-coated paints. New technology that leaves your vehicle clean and glossy like no other vehicle wash can. Contains Glassplexin®.  

Glare Micro Finish - 12 oz. ................P/N 09-02362..............................$26.95  
Glare Micro Finish - Gallon................P/N 09-01065..............................$237.95  
Glare Pro Polish – Gallon.....................P/N 09-01066..............................$233.95  
Glare Ultra Wash - Gallon....................P/N 09-01060..............................$105.95

**GLARE VINYL • LEATHER ALL WEATHER PROTECTANT**

A special blend of natural ingredients and a chemical formulation called SUPPLEXIN which is designed to beautify, soften, deodorize, preserve, and protect against damaging agents found in the everyday usage of your vehicle’s interior. This product cleans, conditions, preserves, and protects in one easy step. Contains no harmful silicones, or adverse active ingredients. Blocks harmful UV rays.  

12oz. ..............P/N 09-01056..............................$27.50

**GLARE TIRE MAGIC**

“The ultimate all in one tire appearance protection product!”  
Glare Tire Magic will filter out harmful Ultra Violet Rays from the sun. Extreme temperature resistant formula for all climates. Stops tires from cracking and fading. Gives a beautiful rich natural high gloss finish. Splatter resistant formula. Easy to use - just spray and wipe!  

16 oz. .........P/N 09-01058..............................$10.50

**GLARE KNOCK OUT!**

“Restores all paints, removes & reverses oxidation, and fills in scratches.” – Glassplexin® actually fills in the surface scratches and reverses oxidation to bring the painted surfaces to a new level of beauty not available with any other compounds. One step compound: NO WAX! NO SILICONE! NO POLYMER! - Great for all clear coats -Easy to apply. Works quickly! Saves time! • Removes swirll marks from all paint including clear coats • Preps paint with the most advanced ingredient - Glassplexin®  

12 oz. .........P/N 09-01064..............................$23.25

**GLARE TURBO ACTION WHEEL CLEANER**

Glare Turbo Action Wheel Cleaner is the most powerful, effective, & fastest working wheel cleaner on the market. Safe for ALL types of wheels - Aluminum, Chrome, Magnesium - as well as clear coated & painted wheels. Makes your wheel look showroom bright and shiny the easy and safe way. Removes and dissolves dirt, grime, brake dust, and grease. Spray on Glare Turbo Action Wheel Cleaner to dirty wheels & hose off with clean water to get your wheels looking like new again!  

16oz. ........P/N 09-01063..............................$8.75

**GLARE (GALLON) PROFESSIONAL POLISH - MICRO-FINISH - ULTRA WASH**

Prices Subject to Change Without Notice
**Micro-Mesh Windshield Scratch Removal Kit**

Micro-Mesh is a cloth backed cushioned abrasive paper with a resilient layer of material between the backing and the abrasive. When pressure is applied, the abrasive crystals recede into the resilient layer and find an even plane for cutting. The result is a smooth shaving action with an ultra fine scratch pattern which restores scratched, discolored, or damaged fiberglass or acrylic to like-new condition. Kit includes everything needed to repair approximately 30 sq. ft.

- **Large Kit** (restores up to 60 sq. ft.)
  - P/N 09-24700 ........  $22.75
- **Professional Kit** (restores up to 100 sq. ft.)
  - P/N 09-24716 ........  $69.95

**Micro-Gloss Polish**

Safe for use on bare acrylic, bare polycarbonate, and coated polycarbonate. Tests using Micro-Gloss were completed according to ASTM F791 standards and to UAS specification 162K020F (Addendum2) at stress levels of 2000 and 3000 PSI in both dry and humid conditions. Approved for use on the inside and outside surfaces of F-16 aircraft. *Removes fine scratches*.

- **Removes swirls created by improper cleaning methods.**
- **Removes haze and milkiness from interior/exterior windows.**
- **Provides a final polish,** leaving you with an ultra-clear finish.

- **Micro-Gloss 5** • 8 oz. Micro-Gloss • 8 oz. Anti-Static Cream
- **Micro-Mesh 1500**, 2-5" Loop Back Discs, Micro-Mesh 2400, 2-5" Loop Back Discs, Micro-Mesh 3600, 5" White Foam Sponge Pad, 5" TufBuf All Natural Lambswool Polishing Pad, 5" Back-up Pad, 8 Ounce Bottle Micro-Gloss, 8 Ounce Bottle Anti-Static Cream, 2 Cotton Flannel

**Micro-Surface Windshield Restoration Kits**

Micro-Surface Finishing Products, Inc. FAA Repair station #KY2R69K, has been a leader in acrylic restoral for the past 30 years. The following kits were developed for use with rotary buffer. Micro-Mesh is approved by Boeing/McDonnell Douglas, the Military and FAA. All kits come with easy to read instructions. Designed to save you both time and money, these kits will restore acrylic back to optical clarity using a minimum of steps. Re-order individual components as you need them. All kits restore up to 100 sq. ft.

- **Acrylic Maintenance Kit** - Remove scratches, halos and haze.
  - 5" White Foam Sponge Pad- 5" TufBuf All Natural Lambswool Polishing Pad- 5" Back-up Pad- 8 Ounce Bottle Micro-Gloss- 8 Ounce Bottle Anti-Static Cream- 2 Cotton Flannel
  - P/N 09-24715 ........  $72.75

**Light Damage Removal Kit**

- Remove minor scratches and scuff. 2-5" Loop Back Discs, Micro-Mesh 1500, 2-5" Loop Back Discs, Micro-Mesh 2400, 2-5" Loop Back Discs, Micro-Mesh 3600, 5" White Foam Sponge Pad, 5" TufBuf All Natural Lambswool Polishing Pad, 5" Back-up Pad, 8 Ounce Bottle Micro-Gloss, 8 Ounce Bottle Anti-Static Cream

**Heavy Damage Removal Kit**


**Micro-Mesh Polycarbonate Restoration Kit**

Excellent for restoring polycarbonate such as Lexan on aircraft, boats, cars, & motorcycles. Will restore up to 100 square feet material. Kit includes: 5" disc w/ loop 2400 Micro-Mesh - 5" disc w/loop 3600 Micro-Mesh - 5" random orbital or drill back-up pad - 5"x 3/4" TufBuf lambswool polishing pad - .011.5"x 12" flannel sheets - Instructions - 5" white sponge pad - 8 oz. Micro-Gloss #5 - 8 oz. Micro-Gloss - 8 oz. Final Finish

**Micro-Mesh Finishing Kit for Wood**

This kit is designed for craftsmen for use in hand finishing applications and without the mess of steel wool, rottenstone or pumice. Micro-Mesh can be used on bare or finished wood with wet or dry application method. A high reflective finish, satin or matte finish can be achieved, depending on how many Micro-Mesh steps are completed. This makes it an excellent product for spot matching of finishes.

**Plexiglass Lens Repair Kit**

Protect your investment by restoring crazed, scratched, hazy lenses. Perspex, acrylic, polycarbonate, and plastic lenses. Lens can be restored on the plane without removal. Soft Touch pads in this kit fit nicely in your hand and allow you to polish both concave and convex surfaces with ease. Dry pads, store and reuse again and again.

**Micro-Mesh Windshield Scratch Removal Kit**

- Micro-Mesh is a cloth backed cushioned abrasive paper with a resilient layer of material between the backing and the abrasive. When pressure is applied, the abrasive crystals recede into the resilient layer and find an even plane for cutting. The result is a smooth shaving action with an ultra fine scratch pattern which restores scratched, discolored, or damaged fiberglass or acrylic to like-new condition. Kit includes everything needed to repair approximately 30 sq. ft.

**Standard Kit** (restores up to 30 sq. ft.)

- P/N 09-24700 ........  $22.75

**Large Kit** (restores up to 60 sq. ft.)

- P/N 09-24700 ........  $22.75

**Professional Kit** (restores up to 100 sq. ft.)

- P/N 09-24716 ........  $69.95

**Perrone Leather Care & Cleaning Kit**

This kit features the professional-use aviation leather cleaner products in a custom leather bag. KTS-09 Leather Cleaning & Care Kit

**Headlight Repair & Scratch-Away Restore Kits**

- **Plexiglass Lens Repair Kit** - Removes crazing, scratches, scuffs, and haze from navigation light lenses, recognition light lenses and landing light lenses. Not necessary to remove lens to restore to optical clarity.

  - P/N 09-01603 ........  $12.50

**Scratch Away Headlight Restore Kit** - This kit will remove haze, cloudiness, and light scratches. Process will remove surface haze rather than fill in scratches. Once the process is complete, damage will not return. This is a spot repair kit. We also have larger kits available.

  - P/N 09-02170 ........  $15.60

**Acrylic Headlight Lens Restoration Kit**

- Easy to use double sided MICRO-MESH SOFT TOUCH PADS make removing cloudiness and haze from lenses, lens covers, tail lights, tail light black-hazes, and bug deposits a snap. Each kit contains:
  - 3 IN. x 4 IN. double sided pads in 120/220, 400/1500, 2400/3600, 4000/12000, 1 oz. bottle MICRO-GLOSS liquid abrasive, and 2 cotton flannel cloths. Clean, dry, and re-use over and over again.

  - P/N 09-02172 ........  $34.50
## GRANITIZE CLEANING PRODUCTS

### GRANITIZE METAL POLISH SYSTEM

Simple but effective system of six polishes designed to polish painted surfaces, aluminum 22916T6 & 2024T6 both clad and bare, and other metals including steel and titanium. All polishes are color coded to reduce cross contamination and aid in taking the guesswork out of any polishing procedure. When used properly, The Granitize System will produce a smooth, highly reflective mirror-like surface on brightwork that can be treated with Xzilon molecular adhesion to maintain the finish.

<table>
<thead>
<tr>
<th>Finish</th>
<th>XMP-S Metal Polish (Superfine)</th>
<th>For Extra Fine</th>
<th>Final polish for a mirror like finish. Can also be used on painted surfaces.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>P/N 09-02181</td>
<td>$48.50</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>XMP-M Metal Polish (Medium)</th>
<th>For Light oxidation/scratches, Rain Spotting. Can also be used on painted surfaces.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-02184</td>
<td>$48.50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>XMP-F Metal Polish (Fine)</th>
<th>Color: Yellow. Use on: Swirls, Very fine scratches, Can also be used on painted surface.</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-02183</td>
<td>$48.50</td>
</tr>
</tbody>
</table>

### GRANITIZE HARD SURFACE CLEANER CONCENTRATE

Hard Surface Cleaner is a powerful all purpose cleaner. This blue solution is designed for post flight wipedown or general dry wash cleaning of complete airframe. It is concentrated blend of alcohol and grease cutting agents that contains no soap or ammonia and can be diluted for lighter cleaning jobs. It is economical, easy to use and leaves no residue or streaking. Safe for use on Xzilon 3 coated aircraft. Aviation Industry Certified.

- Gallon: $28.46
- 5 Gallon: $128.09
- 55 Gallon: $968.00

### GRANITIZE SPRAY AND SHINE CLEANER / COLOR BRIGHTENER

Spray & Shine is an exterior, light duty cleaner. This pink liquid is a spray on, wipe off formula to clean, enhance and maintain painted surfaces and brightwork. It is recommended for removing bugs, smudges, spotting and light carbon buildup on exterior surfaces. This product is highly recommended for post flight wipe down of leading edge and engine inlet debris. Leave on as a film during coastal or tropical parking or wipe off with a sponge, before rolling wheels.

- Gallon: $29.61
- 5 Gallon: $133.23
- 55 Gallon: $1,007.00

### GRANITIZE WASH AND WAX CONCENTRATE

Wet Wash is a multi-use product that can be used on General, Corporate and Commercial aircraft for new or in-service aerospace paint. This liquid contains carnauba wax and will remove moderate carbon build-up and light stains. It has a low usage cost because it is highly concentrated and can be watered down to meet the specific needs. The pH formulation and low alkalinity has excellent sheeting action, and the high foaming action lifts and holds dirt in suspension for thorough rinsing. Safe for use on Xzilon 3 coated aircraft.

- Gallon: $25.68
- 5 Gallon: $115.56
- 55 Gallon: $983.00

### GRANITIZE ZERO V.O.C DEGREASER

Zero V.O.C. Degreaser is an environmentally friendly, aggressive, concentrated, non caustic all purpose degreaser. It is bio-degradable and effective even when diluted 20:1 which makes it a low usage item. It is the ideal product for cleaning engine cowlings, landing gear, wheel wells and aircraft binnies. This green liquid contains fortified surfactants that help to loosen and remove dirt and grime. It is great as a wipe on, but can be sprayed on and pressure rinsed for a quick effective cleaning. Available in gallon, 5 gallon and 55 gallon containers.

- Gallon: $27.82
- 5 Gallon: $125.19
- 55 Gallon: $946.00

### GRANITIZE OXIDATION REMOVER FOR PAINT

Oxidation remover is formulated as a medium range aggressive cleaner. It is ideal for removing light to medium oxidation/scratches and oxidation from all painted surfaces. Quickly and effectively removes imperfections while buffing out oxidized paint when detailing which helps to minimize work time. This white crème has medium grade abrasives in it and requires very little product to get the job done. Can be applied by hand or machine. Available in gallons.

- Gallon: $49.94

### CARNAUBA CREME PROTECTANT

Carnauba Crème Protectant contains the highest quality fortified carnauba wax that produces a deep gloss and long lasting protection. This tan crème is easy to apply and easy to remove. It provides great durability and an excellent shine. It will fill most “spider web” scratches and will provide protection from the sun’s UV rays. It is best used on new paint. Applied either by hand or orbital buffer. Available in gallons. Aviation Industry Certified.

- Gallon: $39.94

### GRANITIZE HI GLOSS TIRE DRESSING

Hi-Gloss Tire Dressing is perfect for that ”Show” aircraft look as it is a highly durable, concentrated, water-based dressing that can be mixed to the desired gloss level. This milky white product leaves a long lasting hi-gloss finish because it contains the highest quality silicone and no harsh solvents. The gloss can be reduced by mixing water with the product. It will shine and protect tires and any other vinyl, rubber or plastic surface. Allow product to dry, or wipe off with a sponge, before rolling wheels.

- Gallon: $48.44
- 5 Gallon: $217.98

---

**Prices Subject to Change Without Notice**
**AERO COSMETICS CLEANING PRODUCTS**

**WASH WAX ALL**

Wash Wax ALL is a waterless wash and wax that is safe to use on all aircraft surfaces. Leaves a non-stick anti-static UV protective coating on everything you clean. Removes dirt and bugs without scratching, simply spray on and wipe dry. Safely cleans and protects aluminum, composite, and fabric aircraft. Also excellent on aircraft windows and avionics. Meets or conforms to Boeing aircraft cleaning specification D6-17487 and interior D6-7127M. Wash Wax ALL is water based, non-toxic, biodegradable, and contains no alcohol or ammonia. Also use our Wash Wax Mop for hard to reach areas. Pint..................P/N 09-02514..........................$8.95

**WASH WAX ALL DEGREASER**

Wash Wax ALL (Degreaser) is a waterless wash and wax. Removes exhaust soot, carbon residue, oil, and grease from all aircraft surfaces including belly and landing gear. Simply spray On and wipe dry. Safely cleans and protects aluminum, composite, and fabric aircraft. Meets Boeing aircraft cleaning specification D6-17487 and interior D6-7127M. Wash Wax ALL (Degreaser) is Water Based, non-toxic, biodegradable, and does not contain Alcohol or Ammonia. Use with our Wash Wax Mop for hard to reach areas. Pint..................P/N 09-02418..........................$9.95

**Gallon..................................$28.75**

**AERO BELLY WASH**

Belly Wash will clean the dirtiest aircraft bellies. Removes exhaust soot, Carbon residue, oil, and grease from all aircraft surfaces including the belly and landing gear. Simply spray on and wipe dry. Safely cleans aluminum, composite, and fabric aircraft. Meets Boeing aircraft cleaning specification D6-17487 and interior D6-7127M. Belly Wash is Water Based, non-toxic, biodegradable, and contains no alcohol or ammonia. Pint..................P/N 09-02519..........................$9.75

**Gallon..................................$24.85**

**AERO PLEX ALL**

Plex ALL an aircraft window cleaner that is safe to use on all aircraft windows. Leaves a non-stick, anti-static UV protective coating on both glass and plastic aircraft windows. Safe on heated glass and avionics. Sheds (possible “Beads up and sheds”) water for better visibility. Removes dirt and bugs without scratching. Simply spray on and wipe dry. Meets Boeing aircraft cleaning specification D6-17487. Plex ALL is water-based, non-toxic, biodegradable, and contains no alcohol or ammonia. 8 oz ..................P/N 09-02517..........................$9.75

**Gallon..................................$28.49**

**AERO CABIN CLEANER**

Cleans and removes beverage spills and stains from aircraft carpets, seats, tray tables, side panels, cockpit and galleys. Works well with the Aero Scrubber air. Pint..................P/N 09-00497..........................$9.95

**1/2 Gallon.............................$24.00**

**AERO SAFESOLV SOLVENT**

All purpose citrus solvent. Removes tar, oil, hydraulic fluid, adhesives and gum. A safe, effective alternative to toxic chemicals that is safe to use on paint, plastic, glass, bare metal, carpet and seats. 8 oz ..................P/N 09-00499..........................$10.50

**1/2 Gallon.............................$35.75**

**AERO LEATHER SOAP**

Leather Soap gently cleans and removes dirt, grease, body oils, and lotions from leather and vinyl. Meets Boeing Aircraft Interior cleaning specification D6-7127M. Condition with Leather Care. For everyday cleaning use Wash Wax ALL (Blue). Water Based, Nontoxic, biodegradable, Alcohol and Ammonia free. Does not contain animal oils, solvents, or petroleum products. Pint ..................P/N 09-00502..........................$9.95

**1/2 Gallon.............................$23.65**

**AERO LEATHER CARE**

Leather Care restores, moisturizes, conditions, and protects Aircraft leather and vinyl. Repels dust and dirt without leaving an oily residue. Provides a long lasting barrier against drying and cracking from damaging ultra-violet rays. Pint ..................P/N 09-00503..........................$8.85

**1/2 Gallon.............................$27.75**

**AERO RUBBER CARE**

Easy to use water-based rubber and die-cast boot care product.
Restores and protects rubber, giving that new semi-gloss look without leaving oily residue. Excellent on weather stripping, tires or any rubber or plastic item. Pint ..................P/N 09-00505..........................$9.95

**1/2 Gallon.............................$25.50**

**WATER SPOT REMOVER**

Removes hard water spots from paint, gelcoat, plastic, chrome, aluminum and stainless. Clear Coat safe, waterbased. To prevent water spots, use Wash Wax ALL. Use Aero Scrubber to softly scrub without scratching. Pint..................P/N 09-00507..........................$9.90

**1/2 Gallon.............................$22.65**

**AERO POLISH ALL**

Polish ALL is an easy-on, easy-off, liquid polishing polish. It will remove oxidation and fine scratches from paint, plastic (Aircraft windows), aluminum and other metals. Also use our Wash Wax ALL can be applied by hand or with a power polisher. Keep the finish clean and protected after polishing by applying Wash Wax ALL. 8 oz ..................P/N 09-00508..........................$15.50

**1/2 Gallon.............................$43.85**

**WASH WAX CLAY**

Safely removes surface contaminants such as over spray, tree sap, Acid Rain & Rain Dust allowing wax to bond better. Use on paint, plastic, glass, chrome, gelcoat and other surfaces. For use on aircraft, RVs, cars, boats, and motorcycles. 2 oz ..................P/N 09-00512..........................$19.85

**AERO SCRUBBER**

The Aero Scrubber is a soft, non-scratching, long-lasting, reusable scrubber pad. Use Wash Wax ALL (Degreaser) or Wash Wax ALL (Belly Wash) to help remove bugs from leading edges or use Wash Wax ALL (Degreaser) or Belly Wash on tough cleaning jobs such as aircraft bellies, engine areas, wheels and tires. Pack of 5 Pads ..................P/N 09-00509..........................$33.50

**Scrubber Kit - Includes 4 pads and one holder**

P/N 09-01616.............................$26.50

**AERO TOWELS**

Aero Towels are an All purpose reusable Microfiber towel. Super soft, absorbent, long-lasting and lint-free. The best towel for all of your aircraft cleaning needs. Four (4) washable 16”x16” Aero Towels per package4 pack ..................P/N 09-00510..........................$9.95

**AERO DIAPER**

AeroDiapers are soft, absorbent, lint-free, 100% cotton, disposable, and designed for all your aircraft cleaning and polishing needs. 12 washable 16”x16” Aero Diapers per package. ..................P/N 09-00511..........................$27.50

**AERO STARTER KIT**

ALL you need to get started with Wash Wax ALL. Kit includes: 16oz Wash Wax ALL, 16oz Wash Wax ALL (Degreaser), 4oz Belly Wash, Aero Scrubber Pad, Package of 4 Aero Towels. Starter Kit ..................P/N 09-00513..........................$33.85

**AERO LEATHER/VINYL KIT**

The Leather Vinyl Care Kit is ALL you need to clean, restore, and protect leather and vinyl in one kit. Kit includes: one 16oz Leather Soap, one 16oz Leather Care, one package of 4 Aero Towels, one mini Aero Scrubber, and a 4oz Wash Wax ALL. ..................P/N 09-00514..........................$28.50

**AEROSCRUBBER BUG AND BELLY KIT**

All you need to get those stubborn bugs and hard to clean bellies looking new again. The Aeroscrubber Bug and Belly kit includes two soft, non-scratching, long-lasting, reusable Aero Scrubber pads, an Aero Scrubber handle, 4oz Wash Wax ALL, 4oz Belly Wash and two Micro Fiber Aero Towels. Bug and Belly Kit ..................P/N 09-01616..........................$26.50

**TRAVEL KIT**

4 of our most popular products packaged to fit in your glove box. Kit includes: 4oz Wash Wax ALL, 4oz Wash Wax ALL (Degreaser), One Aero Towel and a mini Aero Scrubber. Travel Kit ..................P/N 09-00515..........................$7.85

**AERO WASH WAX MOP**

Specifically designed for aircraft, and is the only mop with two sides. One wet and one dry. Now you can waterless wash and wax with the reach and leverage of an extension pole. No ladder needed. Customers report time savings up to 50% over waterless hand application. Simply spray Wash Wax ALL on the Wet Side of the mop, wipe the aircraft with the wet side, flip the mop over, and wipe dry with the dry side. Wash Wax Mop ..................P/N 09-02527..........................$26.75

**Mop Pad (Pack of 4) ..................P/N 09-02527..........................$94.85**

**Mop Starter Kit (1 each).................P/N 09-02528..........................$29.95**

**Mop Pack - a multi surface floor and glass cleaner that is formulated to be used with the Wash Wax Mop. Safe to use on all floor types.**

**P/N 09-02529..........................$9.95**

**PRICES SUBJECT TO CHANGE WITHOUT NOTICE**

**AIRCRAFT SPRUCE WEST**

CORONA, CA • (877) 4-SPRUCE

**AIRCRAFT SPRUCE EAST**

PEACHTREE CITY, GA • (877) 477-7823

**447**
FLYERS SPEED WAX
This carnauba-enriched waterless aircraft dry wash is a high-gloss protectant with an easy-on, easy-off application process. Can be used to remove carbon, oil, bugs and airborne contaminants. Safe on all aircraft painted surfaces including composite and fabric. This Cessna detailing product has been approved by Cessna Aircraft Company. It has been developed and tested by industry professionals specifically to protect and safely care for your aircraft’s exterior and interior. Cessna remains committed to it’s legendary customer service by authorizing and approving this safe, reliable, and high quality cleaning product that is among the best in the industry.
P/N 09-02713 ..................$19.50

QUICKTURN
Quick Turn keeps aircraft looking just waxed. Will remove or become slippery. It will NEVER bake itself to the surface! 12 oz. right away. It will NEVER bake itself to the surface! 15 to 30 minutes. You will get a deeper shine and a higher mended that once applied; let it sit and bake in the sun for AMAZING SHINE! Because of how this works, it is recom-

ULTRA MAGNUM MULTI-PURPOSE AIRCRAFT DEGREASER
Ultra Magnum is a non-corrosive, heavy duty alkaline cleaner designed to remove carbon, oil and bugs from aircraft exterior painted surfaces. This Cessna detailing product has been approved by Cessna Aircraft Company. It has been developed and tested by industry professionals specifically to protect and safely care for your aircraft’s exterior and interior. Cessna remains committed to it’s legendary customer service by authorizing and approving this safe, reliable, and high quality cleaning product that is among the best in the industry.
P/N 09-02657 ..................$22.95

AIRCRAFT LEATHER CLEANER
Will effectively clean, condition and preserve the beauty of new and worn leather. Will not bleed onto fabric. Contains no silicone or heavy waxes that can damage stitching or become slippery. This Cessna detailing product has been approved by Cessna Aircraft Company. It has been developed and tested by industry professionals specifically to protect and safely care for your aircraft’s exterior and interior. Cessna remains committed to it’s legendary customer service by authorizing and approving this safe, reliable, and high quality cleaning product that is among the best in the industry.
P/N 09-02659 ..................$16.95

M-RON GLASS CLEANER / WAX
M-Ron Glass is not your ordinary wax. It is a CLEANER & WAX so you are not waxing over a dirty surface or getting a waxy build up. That’s why M-Ron Glass gives you such an AMAZING SHINE! Because of how this works, it is recom-

MICROFIBER DETAILING CLOTHS AND TERRYCLOTH APPLICATORS
Microfiber Detailing Cloths make cleaning your aircraft easy, inside and out. These scratch and lint free cloths work well on aircraft instrumentation, windows, gauges, screens, painted and unpainted surfaces. Can also be used for applying and removing Cessna Detailing Products on aircraft surfaces. The multi-dimensionally knit fabric will not un-

AIRCRAFT STAIN REMOVER
Aircraft Carpet and Upholstery Stain Remover is a pow-

CESSNA AIRCRAFT CLEANING KIT
This Cessna detailing kit has been approved by Cessna Aircraft Company. The products provided in the Aircraft Cleaning Kit have been developed and tested by industry professionals specifically to protect and safely care for your aircraft’s exterior and interior. Cessna remains committed to it’s legendary customer service by authorizing and approving this safe, reliable, and high quality cleaning kit that is among the best in the industry. Cessna has built a reputation for rising above the competition and their approval of this Aircraft Cleaning Kit is another example of their continuous attention to customer care.
Your Cessna Aircraft Cleaning Kit contains the following detailing products: • Flyers Speed Wax (16 oz) • Quick Turn (16 oz) • Ultra Magnum (16 oz) • Plexiclear (16 oz) • Leather Cleaner (8 oz) • Stain Remover (8 oz) • Terry Cloth Applicators (2) • Microfiber Cloths (2) • Care Guide • Carry Bag
P/N 09-02661 ..............$139.95

Cessna remains committed to it’s legendary customer service by authorizing and approving this safe, reliable, and high quality cleaning product that is among the best in the industry.
AEROLIFE POLYSHINE AIRCRAFT POLISH
Aircraft Polish with Tef Easy to use liquid Polymer formula polishes and protects, acts like a glaze to eliminate microscopic imperfections in the aircraft finish, helps reduce drag, adds to increased speed and keeps the bugs off leading edge components. Contains UV inhibitors for protection from the UV rays, is PH compatible for the new LSA market place. "Contains No Silicone". For optimum performance application aircraft must be clean, AeroLIFE PolyShine with Tef is a Premium Aircraft Polish and Sealer, contains no cleaning agents. May be applied by hand or machine by the professional AeroLIFE complete line of cleaning products can be found at www. aerolifeindustries.com all products Made In the USA. 8 oz.
P/N 09-02536 $6.50

AEROLIFE AEROWAX
Aircraft Wax is made from Poly-Carnauba. Easy Application and Aerospace Developed. 16 oz.
P/N 09-02535 $14.95

METAL ARMOR METAL POLISH
Formulated to give incredible results on the following metals: Aluminum, brass, bronze, chrome, copper, gold, magnesium, nickel, pewter, platinum, silver, stainless steel, and sterling silver. Not recommended for use on plated surfaces with the exception of chrome. Can be safely and effectively used on paint, clear coat and power-coated surfaces. Can be applied by hand or by buffer. 8oz bottle.
P/N 09-02569 $19.95

METAL ARMOR PROTECTIVE TOP COAT
This product is a "High Gloss" formula. It is a PDF (Petroleum Distillate Free) blend that offers the highest degree of reflective qualities while adding a barrier that protects against oxidation, UV rays and "acid" rain. The product can be applied by hand or by buffer. Leaves crystal clear results and "No Swirls" when applied as directed. A must on reds and blacks. 8oz bottle.
P/N 09-02571 $20.95

METAL ARMOR PAINT & HARD SURFACE POLISH
Specially formulated to address polishing of clear coat paints, enamels, lacquers, acrylics, powder-coated surfaces, polycarbonates, ABS plastics, glass, fiberglass, Corian™, and cultured marble. Can also be used as a second step on all metal surfaces. Creates an unmatched finish and treats the surface with a protective barrier when applied as directed. 8oz bottle.
P/N 09-02570 $22.50

METAL ARMOR DETAILING PAD (BLACK)
This pad was designed to act as a removal device of (spent) material due before using the polishing cloth. The pad can be washed and re-used many times. It is made from material that is compatible with Metal Armor Products. It is designed as a by hand applicator for their products. This Pad is made from material that is compatible with Metal Armor Products. It is designed as a by hand applicator for their products. It produces no static and produces scratch free results. Can be washed and re-used many times. Can also be used as applicator for other products.
P/N 09-02573 $4.65

METAL ARMOR MATERIAL APPLICATION PAD (WHITE)
This Pad is made from material that is compatible with Metal Armor Products. It is designed as a by hand applicator for their products. It produces no static and produces scratch free results. Can be washed and re-used many times. Can also be used as applicator for other products.
P/N 09-02575 $16.95

METAL ARMOR MATERIAL APPLICATION PAD (BLACK)
This Pad was designed to act as a removal device of (spent) material after it has been used. The pad is very absorbent and collects the residue before using the polishing cloth. The pad can be washed and re-used many times. It is static free and produces no scratches.
P/N 09-02574 $4.60

METAL ARMOR BY HAND TOOL KIT
This kit is specially designed to be used as an application and removal system of our products when using by hand. The materials have been developed using specially developed foams and optical quality micro-fiber cloths. The foams do not create static and produce an absolute scratch free result. Can be washed and resused many times.
P/N 09-02572 $5.95

METAL ARMOR FINAL POLISH & SEALANT
Cutting edge technology lead to the creation of this "next level" formula. We recommend this product for all surfaces as a "Final Step." It is a PDF (Petroleum Distillate Free) blend that offers the highest degree of reflective qualities while adding a barrier that protects against oxidation, UV rays and "acid" rain. The product can be applied by hand or by buffer. Leaves crystal clear results and "No Swirls" when applied as directed. A must on reds and blacks. 8oz bottle.
P/N 09-02571 $20.95

REKRETE WATERLESS CONCRETE CLEANER
Clean Your Oil Stains with No Water, No Pressure Washer, In Less Time and For Less Cost with ReKRETE Waterless Concrete Cleaner! Power washing sends detergents and oils directly into the storm water systems. ReKRETE’s bio-enzymes consume stains reducing contaminated water run off. ReKRETE works with its own specific gravity by penetrating deep into the pores of the concrete where petroleum-based stains are trapped. ReKRETE then breaks down the hydrocarbon chain of the petroleum-based stains. Once the chain is broken ReKRETE decomposes and dissolves the hydrocarbons with bio-organic compounds that actually consume the stains.

10-lb P/N 09-03498 $31.50
30 lb P/N 09-03501 $92.80

Prices Subject to Change Without Notice
PolyGone™ stripping agents are unique formulations that remove polysulfide (PRC) and silicone RTV sealants from metal, ceramic, and some plastic substrates. The top polysulfide producers include PRC DeSoto (now PPG), AC Tech, and Flamemaster. The top silicone producers are GE, Dow, and Wacker. Both polysulfide (polysilphide) and silicone RTV are difficult to remove completely since they actually bond into surface/substrate. The typically, sealant removal method requires scraping that results in damaging the substrate. There are also products that try to “dissolve” the sealants but due to their inertness, this does not work. PolyGone however, reacts with the polymers chemically and breaks them down so they can be rinsed away without damage to the surface/substrate. This offers significant advantages over other removal methods. PolyGone emulsifiers are specialty blended chemistries that wet and penetrate the polymer and relatively quickly emulsify it. This emulsification prevents redeposition of the reaction by-products and allows for water rinsing (except PolyGone 535 which requires an alcohol rinse). The polysulfide (polysilphide) sealant remover is also available as a gel for use in vertical, inverted and non-inversion applications. PolyGone is effective at removing silicone RTV and polysulfide (polysilphide) sealants at room temperature, are fast acting and environmentally friendly as opposed to regularly used solvents. PolyGone is currently being used by several MRO organizations as a sealant remover.

RPM Technology is proud to introduce a revolutionary product for anyone using sealants, mastics, adhesives, silicones, paints, drilling oils, or greases. PolyWipes contain no solvents or abrasives; no fuss, and no mess! Why clean your hands with a product that has a NFPA heath rating of 1 and is flammable? PolyWipes have a health rating of 0 and are NOT flammable! They safely remove uncured or partly-cured adhesives and sealants by breaking the surface tension between the material and the substrate. The material then transfers to the wipe for disposal. Can be used anywhere adhesives or sealants are applied. To clean up after applying sealant to fuel tanks, access doors, windshields, and any other location where sealants are used. Biodegradable – a “green” product. Non-Toxic – eliminates the need to dispose of hazardous solvents, Not flammable, unlike other wipes, Mild – employees may not need hand protection to use this product, NFPA rating is 0,0,0, Inexpensive – less expensive than cloth towels and solvents.

EOX AIRCRAFT CLEANER

e Ox Aircraft Cleaner (AC) is a specialty product for the aviation industry. e Ox AC is suitable for external and internal cleaning of virtually all metal and/or painted surfaces. Completely removes difficult substances such as hydraulic oil, grease, carbon, brake dust, “blue stains”, and dirt safely and easily. Removes chemicals and dirt from the grain of the paint thus making it look new and extending its useful life. e Ox AC conforms to Boeing D6-17487, Douglas CSD #1, AMS 1525B and AMS 155A. Non-toxic, Non-flammable, Non-hazardous - Not subject to dangerous goods regulations. No phosphates, acids or silicones. High biodegradability (tested by the University of Ghent, Belgium). Very economical to use. Contains no phosphates, acids, silicones and is non-butyl Safe to use on all surfaces including metal, plastic & rubber materials with no stock loss. Fast, intense cleaning action surpasses other cleaners’ performance. Cleaned surfaces become slightly antistatic and corrosion inhibitive for up to 4 weeks. Can be effective used as a spray-on & wipe-off process. Safe for use in high-pressure washers, immersion systems and ultrasonic machines. Fresh smell – NOT citrus.

EOX AIRCRAFT HYDRAULIC FLUID REMOVER

e Ox Aircraft Hydraulic Fluid Remover (AHFR) is a proprietary cleaner designed to easily remove all hydraulic fluids, baked on carbon, and corrosion protecting compounds. An excellent replacement for chlorinated products and solvent based cleaners. Meets AMS–1526B. Application: specially developed to remove sticky hydraulic oil deposits from the aircraft fuselage, wheel wells, landing gear, wings, and any area or part where hydraulic fluid accumulates. e Ox AHFR also removes numerous oils, greases and stubborn carbon deposits; especially from around engine exhaust areas. Ready to use and intended as a spot cleaner on the aircraft. Non-toxic, Non-flammable, Non-hazardous - Not subject to dangerous goods regulations. No phosphates, acids or silicones. High biodegradability (tested by the University of Ghent, Belgium). Neutral pH of 6-8. Very economical to use. Contains no phosphates, acids, silicones and is non-butyl. Fast, intense cleaning action surpasses other cleaners’ performance. Can be effective used as a spray-on & wipe-off process. Safe for use in high-pressure washers, immersion systems and ultrasonic machines. Fresh smell – NOT citrus.

DIGESIL NC GEL

Digesil NC de-polymersizes uncured and cured silicone elastomers, resins, oils, and greases from components, surfaces, tools, electronics and process equipment used in engineering, construction, and glazing industries. Digesil NC is effective and fast working. It has a high flash point for safety and contains less than 0.2% aromatics. Benefits: Quickly dissolves cured silicone, Leaves a silicone free surface, Chlorinated and fluorinated solvent free, Negligible aromatic solvent content, Environmentally responsible. Low odor for operator comfort, High flash point for safety. Low density for ease of handling. Rinses with water or solvent, Safe on glass, metal, and most plastic (except nylon), Safe on paint and powder coating, Water free. Specifications: Appearance: Liquid, Color: Brown, Odor: Aliphatic-hydrocarbon, Sp.Gr.: 0.82

DIGESIL NCX

Digesil NC de-polymersizes uncured and cured silicone elastomers, resins, oils, and greases from components, surfaces, tools, electronics and process equipment used in engineering, construction, and glazing industries. Digesil NC is effective and fast working. It has a high flash point for safety and contains less than 0.2% aromatics. Benefits: Quickly dissolves cured silicone, Leaves a silicone free surface, Chlorinated and fluorinated solvent free, Negligible aromatic solvent content, Environmentally responsible, Low odor for operator comfort, High flash point for safety. Low density for ease of handling. Rinses with water or solvent, Safe on glass, metal, and most plastic (except nylon), Safe on paint and powder coating, Water free. Specifications: Appearance: Liquid, Color: Brown, Odor: Aliphatic-hydrocarbon, Sp.Gr.: 0.82

POLYSCRAPER KIT

PolyScrapers are high-quality adhesives and sealants removers. The kit contains 10 PolyScrapers, each having its own pocket. Pouch can be rolled and secured with black tie.

Prices Subject to Change Without Notice
SPRAY NINE MULTI-PURPOSE CLEANER
Cleans • Disinfects • Degreasers • Deodorizes • Removes Stains Tough Task Cleaner - Spray Nine’s no-nonsense power tackles your worst cleaning jobs, even when others fail. And it does it FAST! Money Saver - The only product necessary to clean up facilities & maintenance costs. One “does it all” formula reduces chemical use and gets the job done with less labor in less time than the competitors. Broad Spectrum Disinfectant - EPA-registered disinfectant kills harmful germs like HIV, Staphylococcus aureus, Salmonella choleraesuis & E. coli in just 45 seconds. Also helps prevent cross contamination. Authorized by USDA for use in federally inspected meat & poultry plants with an C-1 rating.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 oz. Multi-Purpose</td>
<td>$5.50</td>
</tr>
<tr>
<td>25 oz. Multi-Purpose</td>
<td>$4.95</td>
</tr>
<tr>
<td>32 oz. Multi-Purpose</td>
<td>$6.95</td>
</tr>
<tr>
<td>1 Gallon Multi-Purpose</td>
<td>$22.60</td>
</tr>
<tr>
<td>5 Gallon Multi-Purpose</td>
<td>$72.75</td>
</tr>
<tr>
<td>55 Gallon Multi-Purpose</td>
<td>$657.50</td>
</tr>
</tbody>
</table>

EARTH SOAP CONCENTRATED CLEANER/DEGREASER FROM SPRAY NINE
Premium Environmentally Preferable Cleaner Cutting-edge biodegradable technology combines powerful surfactants with low emulsifying action to create Earth Soap, a potent, yet environmentally thoughtful product. Earth Soap’s innovative formula dissolves dirt, grease, grime and other hard-to-remove soils from most hard, washable surfaces. This versatile, concentrated cleaner may be “custom-formulated” by diluting in any proportion with water - from 1:1 for heavy soil loads to 50:1 for routine light-duty cleaning. Additionally, Earth Soap contains NO solvents, butyl, phosphates, or other harsh chemicals. Earth Soap is low-emulsifying and will not negatively impact oil/water separators and other pollution abatement systems. Corrosion-Inhibiting - Corrosion-inhibiting formula cleans metal parts without damaging parts or parts washers (metal and plastic, traditional and heated up to 180°F) Ideal uses: Dip Tanks • Engines • Concrete/Hangar Floors • Vehicles (Inside & Out) • Wash Racks • Tools & Equipment • CTK Took Kits • Plastic & Vinyl • Floors & Walls • Parts Washer (both traditional and heated up to 180°F) Ecological - Use one “dollop” of Earth Soap to clean even the dirtiest hands. Each 4 lb. cartridge packs 500 “dollops” when dispersed through the POLY 500 – so each wash is only “pennies per use!” Convenient - Simply insert a fresh 3.8 lb. tub - no mess, no waste. Durable - Rugged injection molded construction and tough, durable plastic components will hold up to the toughest use and abuse. Lockable - Lockable lid keeps Poly Scrub fresh & Secure

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 oz.</td>
<td>$7.95</td>
</tr>
<tr>
<td>1 Gallon</td>
<td>$21.50</td>
</tr>
<tr>
<td>55 Gallon</td>
<td>$753.00</td>
</tr>
</tbody>
</table>

GREZ-OFF HEAVY DUTY DEGREASER FROM SPRAY NINE
When Nothing Else Cuts it - Grez-Off works hard so you don’t have to. This heavy-duty answer to heavy-duty grease and grime leaves engines, machinery, asphalt, garage floors and more whistle clean. Top Rated Track Record - Twice rated the #1 degreaser in an independent consumer report with top marks for effectiveness, safety and environmental impact. Made With You And Your Environment In Mind - Biodegradable, non-flammable formula hits hard and fast with less impact on user and environment. Finally a water based product that really works! Ready-to-Use Formula is Gentler to the User: • Non-Flammable • Non-Combustible • No Acids • No Fumes or Unpleasant Odors

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32 oz.</td>
<td>$7.85</td>
</tr>
<tr>
<td>5 Gallon</td>
<td>$87.75</td>
</tr>
<tr>
<td>55 Gallon</td>
<td>$921.00</td>
</tr>
</tbody>
</table>

POLY SCRUB HEAVY-DUTY HAND CLEANER FROM SPRAY NINE
Industrial Strength Paste-Type Hand Cleaner - Hits hard with millions of dirt busting “poly scrubbers” to dig out and mop up even the toughest soils. Tough On Dirt, Gentle On Hands - Contains no harsh solvents that dry out hands yet powers off dirt, grease, ink, adhesives, hydraulic fluid, carbon and more while leaving behind a refreshing lemon-lime fragrance. Fights Foul Odors - Combats fish, onion, garlic, fuel, oil, lubricant & printer’s ink odors. Poly Scrub Easily Removes:
- Grease • Oil • Hydraulic Fluids • Glues • Ink • Asphalt • Varnish • Paint • Carbon • Adhesives • Tar • Stains • Cement

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.8 Pound</td>
<td>$18.50</td>
</tr>
<tr>
<td>26 Pound</td>
<td>$139.75</td>
</tr>
</tbody>
</table>

COCO SCRUB HEAVY-DUTY HAND CLEANER FROM SPRAY NINE
Tough On Dirt - Industrial strength hand cleaner formulated with millions of dirt busting poly “scrubbers” that dig out and mop up even the toughest soils. Easy On Hands - Fortified with emollients to prevent drying & cracking. Leaves behind a pleasant coconut fragrance. Fights Foul Odors - Combats fish, onion, garlic, fuel, oil, lubricant & printer’s ink odors. Poly Scrub Easily Removes:
- Grease • Oil • Hydraulic Fluids • Glues • Ink • Asphalt • Varnish • Paint • Carbon • Adhesives • Tar • Stains • Cement

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 Pound</td>
<td>$18.85</td>
</tr>
<tr>
<td>26 Pound</td>
<td>$145.95</td>
</tr>
</tbody>
</table>

POLY 500 HAND CLEANER DISPENSING SYSTEM FROM SPRAY NINE
Economical - Use just one “dollop” of Poly Scrub to clean even the dirtiest hands. Each 4 lb. cartridge packs 500 “dollops” when dispersed through the POLY 500 – so each wash is only “pennies per use!” Convenient - Simply insert a fresh 3.8 lb. tub - no mess, no waste. Durable - Rugged injection molded construction and tough, durable plastic components will hold up to the toughest use and abuse. Lockable - Lockable lid keeps Poly Scrub fresh & Secure

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-01996</td>
<td>$24.75</td>
</tr>
</tbody>
</table>

BOSS AIRCRAFT CLEANING PAD
The BOSS Aircraft Cleaning Pad is the most advanced aircraft cleaning pad available. The BOSS Aircraft Cleaning Pad will safely clean bugs, carbon, fuel residues, dirt, grime, etc., from all your aircraft surfaces, leaving your plane the cleanest it’s ever been or your money back.

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-03475</td>
<td>$8.75</td>
</tr>
<tr>
<td>P/N 09-03476</td>
<td>$20.95</td>
</tr>
<tr>
<td>P/N 09-03477</td>
<td>$21.95</td>
</tr>
</tbody>
</table>

Prices Subject to Change Without Notice

SPRAY NINE CLEANERS & DEGREASERS

FROM SPRAY NINE

COCO SCRUB HEAVY-DUTY HAND CLEANER FROM SPRAY NINE

POLY 500 HAND CLEANER DISPENSING SYSTEM FROM SPRAY NINE

BOSS AIRCRAFT CLEANING PAD

Prices Subject to Change Without Notice

SPRAY NINE CLEANERS & DEGREASERS

FROM SPRAY NINE

COCO SCRUB HEAVY-DUTY HAND CLEANER FROM SPRAY NINE

POLY 500 HAND CLEANER DISPENSING SYSTEM FROM SPRAY NINE

BOSS AIRCRAFT CLEANING PAD

Prices Subject to Change Without Notice
COMPOSICLEAN AIRCRAFT CLEANING PRODUCTS

COMPOSICLEAN BUCKET-WASH
Bucket-Wash™ concentrate is neutral pH and safe and effective on all aircraft. Bucket-Wash™ will not attack composite components or assist corrosion. With several cleaning agents, real Carnauba Wax & U.V. protection additives this is the right stuff. 64 ounce with pump top.
P/N 13-05254..............................$22.75

COMPOSICLEAN SUPER SPRAY-WAX
Super Spray-Wax™ is neutral pH and SAFE on all aircraft. Will not attack composite components or assist corrosion. With real Carnauba wax and other cleaning and conditioning additives, this product is sure to satisfy. Provides a great shine and superior protection. Try it with one of our Microfiber cloths. 1 Quart with commercial quality trigger sprayer.
P/N 13-05255..............................$19.65

COMPOSICLEAN MULTI-PURPOSE CLEANER
This multi-purpose ALKALINE cleaner is very effective at breaking down grease, oils, carbon & other stains. Use with brush or rag to agitate for tougher Stains & soils. 1 quart with commercial quality trigger sprayer. This is not a neutral pH product.
P/N 13-05256..............................$10.95

COMPOSICLEAN HAZE GLAZE
A neutral pH mild abrasive cleaner & polish in one. Removes oxidation haze, surface-stains, swirl marks and paint overspray. Haze Glaze also removes minor acid rain contamination, light scratches & increases gloss on base coat & clear coat finishes. A great one-step or first step product in the detailing process. Use Composiclean Haze Glaze by hand or with orbital/random style buffers. Use Composiclean Haze Glaze on clean dry surface. Apply Haze Glaze to buffing cloth/pad or directly to surface. Rub or buff in circular motion then flip cloth or change to dry pad for finish buff. 1 quart with flip-top.
P/N 09-02065..............................$34.95

COMPOSICLEAN VIEW POLISH
Composiclean™ View Polish™ will probably be the best glass cleaner you will ever use, try it around the house too. Use View-Polish™ on windscreens, side windows, plastics, Lexan, acrylic and glass. You will see NO streaking! View-Polish™ is guaranteed to leave no film. Non-caustic-non-flammable, Non-ammonia formula dries fast and contain no CFC’s that deplete the ozone layer. View-Polish™ is also a great bug remover for the leaning edges, wheel pants, car grills etc. Spray product onto area to be cleaned (the thick beam helps it hang there), wait 2 to 3 minutes then wipe clean. Give View-Polish™ a try with our Microfiber cloths, you’ll love it! Offered in big 19oz aerosol can.
P/N 13-05257..............................$9.65

COMPOSICLEAN WASH MOP
Soft chenille mop has 180° Swivel Head, handle extends up to 45°. Includes 1 replacement head cover.
P/N 13-05261..............................$19.95

COMPOSICLEAN SOLAR SCREEN
This is a Composiclean™ Solar-Screen™ statically attached to the inside of a window looking right into the sun. Comes in 6” x 9” and 9” x 12”. Great for airplanes, cars, boats, RV’s and can be cut to fit inside motorcycle & ski helmets too.
P/N 13-05263..............................$5.75

COMPOSICLEAN PROPER CARE KIT
1 - 64oz Composiclean Bucket-Wash with pump top
1 - 32oz Composiclean Super Spray-Wax with trigger sprayer
3 - Plush 14” x 14” Micro-Fiber cloths
1 - Super-Soft Chenille wash mitt
1 - 11” Composiclean Super Squeegee
P/N 13-05264..............................$79.95

COMPOSICLEAN MICRO-FIBER CLOTH
MicroFiber is a man-made product that consists of two fibers, Polyester and Polymide. The Polyester is the scrubbing and cleaning fiber, while the Polymide is the absorbing and quick drying fiber. Each square inch in a MicroFiber towel contains approximately 90,000 Microfibers. MicroFiber is a lint free, non-abrasive, and hypoallergenic products.

Unlike ordinary cotton towels that move, or push, the dirt and dust from one point to another, MicroFiber actually gets underneath the dirt and lifts it from the surface. It then stores the dirt particles in the towel until it is washed. MicroFiber is very absorbent and can hold up to seven times its weight in moisture providing "streak-free" cleaning. MicroFiber cloths are safe on all surfaces.

Keep MicroFiber cloths clean and separate from cotton towels. To ensure the effectiveness of your MicroFiber Towels only wash with other Microfiber Towels. If Microfiber is washed with cotton is will grab onto the cotton fibers and hold on to them. Washing by hand with mild hand soap is the best way to maintain this high quality cloth. Microfiber cloths along with Composiclean™ Super Spray-Wax™ will provide a great streak free deep shine even in direct sun. When buffing off Super Spray-Wax™ It is best to NOT let cloth get to saturated, dryer is better. Try a Microfiber cloth with Composiclean™ View Polish™ for streak-free window cleaning.
P/N 13-05259..............................$16.85

COMPOSICLEAN SUPER SQUEEgee
Super Squeegee is perhaps the most versatile squeegee you’ll ever own. It works great and is extendable from 12” to 22”. It is designed to be used in a back n’ forth motion saving time and effort. It’s perfect for use on the irregular and curved surfaces of an airplane.
P/N 13-06323..............................$12.95

COMPOSICLEAN MICRO-FIBER CLOTH
P/N 13-05258..............................$9.65

COMPOSICLEAN VIEW POLISH
P/N 13-05256..............................$8.95

COMPOSICLEAN SOLAR SCREEN
P/N 13-05262..............................$5.75

COMPOSICLEAN PROPER CARE KIT
P/N 13-05264..............................$79.95

Prices Subject to Change Without Notice
**CLEANERS - ADHESIVES**

**K&N POWER KLEEN**
K&N Air Filter Cleaner is the only cleaner recommended to clean K&N Air Filter elements. K&N Air Filter Cleaner works to dissolve dirt build up and old filter oil and can be washed away with water. It is environmentally friendly and safe on paint, chrome, cast aluminum, plastic, rubber and vinyl when used as directed (do not use on polished or anodized aluminum).
Complete instructions on bottle.

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 oz. Squirt Spray</td>
<td>P/N 09-02412</td>
<td>$3.50</td>
</tr>
<tr>
<td>8 oz. Squir Bottle</td>
<td>P/N 09-02595</td>
<td>$10.95</td>
</tr>
<tr>
<td>13 oz. Spray Can</td>
<td>P/N 09-00890</td>
<td>$22.65</td>
</tr>
<tr>
<td>32 oz. Spray Bottle</td>
<td>P/N 09-02594</td>
<td>$30.50</td>
</tr>
<tr>
<td>1 gallon bottle</td>
<td>P/N 09-02595</td>
<td>$15.85</td>
</tr>
</tbody>
</table>

**WAX AS-U-DRY**
After washing your aircraft leave it wet, then spray Wax-As-U-DRY on the surface. After the water sheets away, you dry the surface with a chamois towel. The result is high gloss shine without spending the afternoon buffing. A one step spray wax is a blend of water reactive polymers and waxes that are safe for all painted surfaces, windows, trim & wheels.

**STRIKE HOLD II**
CLEANER/PENETRANT/LUBRICANT
One of the most significant long term enemies to aviation is corrosion. Strike Hold is a potent anti-corrosive and has a dielectric strength of 38,000 volts so it can also be used on electrical contacts and connections. It “finds” the small spaces which allow film corrosion to form. Its capillary action will quickly encapsulate metals by flowing against gravity and under overlapping sheets of metal. It is a highly penetrating and mobile liquid with CFC's and is non-flammable by flame projection test as opposed to other fluids containing butane or propane propellants. The lubricant in Strike Hold doesn’t harden or become brittle. It completely seals out water with a shield film. The carrier agent evaporates (unlike ACF 50) and does not leave a dust collecting film to recontaminat a surface. The flash point is in excess of 450°F and the freezing point is -85°F. This product is other than water and does not damage polymers, rubber or plastics. Strike Hold can be used on virtually any surface that is susceptible to corrosion and that needs lubrication.

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 oz. Squir Bottle</td>
<td>P/N 09-02412</td>
<td>$3.50</td>
</tr>
<tr>
<td>8 oz. Squir Bottle</td>
<td>P/N 09-02595</td>
<td>$10.95</td>
</tr>
<tr>
<td>13 oz. Spray Can</td>
<td>P/N 09-00890</td>
<td>$22.65</td>
</tr>
<tr>
<td>32 oz. Wash Bottle</td>
<td>P/N 09-02594</td>
<td>$30.50</td>
</tr>
<tr>
<td>1 gallon bottle</td>
<td>P/N 09-02595</td>
<td>$15.85</td>
</tr>
</tbody>
</table>

**PRO WASH RX PH NEUTRAL SOAP**
Pro Wash RX is a super-concentrated, pH balanced, premium shine enhancing soap designed to provide superior detergency while at the same time being extremely gentle on all vehicle finishes. Pro Wash RX contains special rinsing agents that help eliminate spotting and streaking. It’s everything you want in a soap to baby your car, boat, airplane, motorcycle or RV!
Add approximately 2 ounces of Pro Wash RX per 1 gallon of water. Apply with a sponge or soft bristled brush, and agitate the rich foamy suds lightly, allowing Pro Wash RX to release dirt and grime. Rinse thoroughly and either towel dry or air dry.

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-03835</td>
<td>$7.36</td>
<td></td>
</tr>
</tbody>
</table>

**THERMAPLEX BEARING GREASES**
Thermaplex® Bio Green™ Bearing Grease - Environmentally responsible, biodegradable grease. Qualified to the USDA Biopreferred program. NLGI 2 grease that prolongs bearing life. Provides outstanding extreme pressure performance. Offers superior rust and corrosion protection/Delivers exceptional water resistance

<table>
<thead>
<tr>
<th>Product</th>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-02367</td>
<td>$11.50</td>
<td></td>
</tr>
</tbody>
</table>

**STRIKE-HOLD® BRAND MICROFIBER CLOTH**
These high quality 16”x16” Microfiber® Cloths are machine washable and won’t scratch, mar or streak surfaces. Features: • lint-free • non-abrasive • machine washable • eco-friendly “Green” • inexpensive and long-lasting

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-02404</td>
<td>$2.95</td>
</tr>
</tbody>
</table>

**V & S AIRCRAFT CLEANERS & ADHESIVES**

**V&S #581 FOAM & FABRIC SPRAY ADHESIVE** - V&S 581 Foam & Fabric Spray Adhesive is specially formulated for bonding flexible urethane or latex foams to themselves or most other material (wood, metal, paper, corrugated, fabrics, etc.) Produces bonds with foam-tearing strength.

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-42650</td>
<td>$6.80</td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-42652</td>
<td>$7.50</td>
</tr>
</tbody>
</table>

**CITRUS CLEANER #609** - Can be used safely on many surfaces to remove adhesives, grease, inks, and residue from various tapes. Environmentally safe, biodegradable and pleasantly scented.

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-42654</td>
<td>$5.95</td>
</tr>
</tbody>
</table>

**AERO-600 AVIONICS CLEANER**
The secret formula used in the film and photography industry, is now available for the aviation community! Eliminate fingerprints, streaks, dust, dirt, oils, from your avionics, glass cockpit screens, electronic flight bags, GPS screens, Laptop, and plasma screens. Aero 600® tested for well over three years by professionals in the aviation industry with outstanding results. It’s designed to have industrial strength; be powerful, yet mild and gentle to your screens. “We keep a bottle in the side pocket of our corporate aircraft and have been using it exclusively to clean our instruments, laptop screens and even our eyeglasses. It never streaks and keeps the dust at a minimum.” Nina Anderson, Hawker pilot. Aero 600™ is also safe for use on Laptop & TFT LCD screens, LCD, Plasma & Projection TVs (LCD and Projection screens have a soft membrane in place of glass which can easily be degraded by harsh chemicals. Plasma screens have a thin delicate protective coating which also can be damaged.

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-02040</td>
<td>$14.85</td>
</tr>
</tbody>
</table>

**AEROSPACE PROTECTANT**
The World’s most effective UV-screening product. AAP leaves a like-new, non-oily, anti-static finish that does not attract dust. Protects surfaces not only last month, much, much longer, but are easier to maintain. AAP treated surfaces repel soiling and stains, clean up easier and stay clean longer. 100% prevention of UV caused low-fade - Plastics, Plexiglass, Lexan, Duct, Seals, Wing and Prop De-icing Boots, Tires, Vinyl & Leather Interiors.

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-02414</td>
<td>$3.95</td>
</tr>
</tbody>
</table>

**STEWART SYSTEMS PROPOLISH**
Stewart Systems ProPolish is the perfect metal polish to use in conjunction with Stewart Systems EverShield. ProPolish holds it’s shine longer than most other polishes and is very easy to use. Wipe on, wipe gently until polish is black, and wipe off. Repeat until you achieve the desired shine. Use SS ProPolish on bare metal or chromed surfaces, and then apply EverShield to make the shine permanent. SS ProPolish is available in green for cleaning and white for finishing.

<table>
<thead>
<tr>
<th>Code</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-02054</td>
<td>$13.85</td>
</tr>
<tr>
<td>P/N 09-02055</td>
<td>$13.85</td>
</tr>
<tr>
<td>P/N 09-02056</td>
<td>$18.70</td>
</tr>
<tr>
<td>P/N 09-02057</td>
<td>$18.70</td>
</tr>
</tbody>
</table>
X-IT CARBON REMOVER & CLEANER

Powerful enough for difficult cleaning applications, but safe enough for daily routine aircraft cleaning & maintenance. X-IT™ Carbon Remover & Cleaner is safe on all surfaces (rubber, plastic, metal, painted or unpainted) & quickly removes heavy carbon, dirt, grease, grime and oil. X-IT™ Carbon Remover & Cleaners is non-toxic, non-corrosive, non-hazardous, odorless, and aqueous-based.

32oz. spray bottle. P/N 09-00768..........................$10.50
Carb Cleaner & Remover Gal. P/N 09-00769..............$21.50
Carb Cleaner & Remover 5 Gal. P/N 09-00770.............$83.75
Carb Cleaner & Remover SS Gal. P/N 09-00771...........$574.00

HYDROSOLVE

Hydrosolve is a thickened, heavy duty, water soluble gel degreaser formulated for efficiency an dperformance in a broad range of cleaning and degreasing applications. It will easily and safely remove carbon exhaust, exhaust tracks, hydraulic fluid, thrust reversers, soot areas, oil & bugs. Hydrosolve is a gel product that clings to the surface being cleaned and has the ability to rinse spot free. Meets Boeing & McDonnell Douglas approvals. 1 gal. P/N 09-00528..............$25.75
5 gal. pail. P/N 09-00529..........$118.75

PURPLE METAL POLISH

Purple Metal Polish is in a class of it’s own. This is truly a no-nub metal polish. When you see just how easy it actually is to polish aluminum, chrome, brass and even plastic, you will be totally amazed. Specially formulated for easeability, durability and a super high quality shine. It is a super quick and easy maintenance product. Purple Metal Polish contains a superior abrasive along with Hi-tech cleaners and sealers to safely clean, shine and protect all metal surfaces without scratching! Also removes scratches from acrylic windshields. P/N 09-02860.............$13.85

FAST WING PAINT SEALANT

T-500 Paint Sealant with PTFE-M is more than a wax or polish. T-500 provides a high, long-lasting, mirror-like finish that protects paint longer. Works great on aircraft, cars and boats. Fast Wing will increase performance by reducing para- sitic drag. The performance of the aircraft actually increased due to the slick surface the Teflon Sealant left on the paint. 100% Satisfaction Guaranteed.

16 oz. (1 pint) P/N 09-00186 ..........$17.95

FAST WING CLEANER

Originally designed to remove over spray, Fast Wing T-11 cleans and restores the paint to the original luster without the use of harsh abrasives found in most rubbing compounds. Rubbing compounds almost always use some sort of abrasive material, such as volcanic ash, which can leave microscopic scratches. Abrasives may actually accelerate the oxidation process.16 oz. (pint) P/N 09-00187.............$8.95

EAGLE ONE A22 ALL WHEEL & TIRE CLEANER

The ever-popular A22 thick foam formula safely removes brake dust, grime and grease. Easy-to-use (spray on, hose off), no scrubbing required. Acid-free - Safe for ALL types of wheels, hubcaps and tires. Tip: Make sure your wheels and tires are cool to the touch before applying and clean one wheel/tire at a time. For extremely dirty wheels/tires, agitate with a soft sponge or brush. P/N 10-04938 ..................$6.85

SAFETY WASH

Safety Wash is a mild neutral PH water based exterior wash & wax concentrate designed to be gentle on your aircraft. It provides detergency and built-in easy rinse characteristics that will enhance gloss and eliminate the risk of streaking. Formulated for general routine washing of aircraft. Meets Boeing & McDonnell Douglas approvals. Safety Wash is NOT designed to clean heavily soiled areas.

1 gal. P/N 09-00526 ..................$23.50
5 gal. pail P/N 09-00527 .............$106.95

HEAVY DUTY CONCENTRATE DEGREASER

Oil Eater® Cleaner Degreaser is “Ultra” concentrated, biodegradable and non-flammable. It safely dissolves grease and oils from asphalt, concrete and much more! This unique non-flammable cleaner has passed the Boeing D6-17487 Rev P Test, is South Coast Air Quality Certified per 2012 standards and USDA approved A1, A4 and A8.

32 oz. P/N 09-04011 ..............$4.35
1 Gallon P/N 09-04012 ..............$13.60
5 Gallon P/N 09-04013 ..............$51.75
30 Gallon P/N 09-04014 ..........$362.00
55 Gallon P/N 09-04016 .............$499.00

WORX INDUSTRIAL WIPES

• 70ct High powered pre-moistened multipurpose cleaner
• Automotive, industrial, manufacturing, construction
• Natural oils and emollients, safe for hands and skin
• Durable non-scratching fabric for maximum cleaning
• Simple to use - just wipe down surface and dispose

P/N 09-02604 ..................$12.95

PS WORKPLACE HAND CLEANER TOWEL

• Uniformly premoistened towel
• Superior terpene blend
• Deep cleaning, non-scratching abrasives
• Quickly remove embedded dirt and grime
• Fast drying
• Disposable

• Eliminates the need for soap, water and a sink
• Improves workplace productivity by reducing costly clean-up time
• Does not require water
• Easy to carry and store
• Convenient
• Bucket of 72 Towels

P/N 09-02546 ..................$15.50

ROYCO 756 HYDRAULIC WIPE

This 6” x 6” wipe is an excellent choice for cleaning chrome piston cylinders and struts. The wipe is presaturated with top of the line hydraulic fluid: Royco 756. It is lint and static free, made of 100% cotton cloth woven and finished without starch, binders, or any foreign substances. The cloth finish gives this wipe a softer and better dirt-trapping capacity and has incredible retention to minimize fluid drip.

P/N 09-02668 ..................$2.45

ROYCO 782 HYDRAULIC WIPE

This 6” x 6” wipe is an excellent choice for cleaning chrome piston cylinders and struts. The wipe is presaturated with top of the line hydraulic fluid: Royco 782. It is lint and static free, made of 100% cotton cloth woven and finished without starch, binders, or any foreign substances. The cloth finish gives this wipe a softer and better dirt-trapping capacity and has incredible retention to minimize fluid drip.

P/N 09-02669 ..................$2.45

ALUMINUM DEOXIDIZER

Want a product that really takes the elbow grease out of polishing? This is a very Hi-Tech chemical designed to clean and deoxidize all metal surfaces without streaking, hazing, burning or damaging the surfaces. Removes scale, road film, most acid stains and even rust on Chrome! It is the easiest and safest way to prep the metal before polishing. It really works great! Can be used with most cream type polishes. If your aluminum has a milky look to it even after being polished, try this Aluminum Deoxidizer before polishing, you will achieve a Crystal Clear Shine.

P/N 09-02859 ..................$13.85

FLOOR AND ALL PURPOSE CLEANER

This pre-measured 1.5 Oz Floor & All Purpose Cleaner is Concentrated, Non-Corrosive, and Bio-degradable. The superior quality of this product is proven better, use one pouch per mop bucket, it is safe on all surfaces, it won’t dull high gloss finishes, and helps keep floors safe.

P/N 09-04017 ..................$0.67

WATER SPRITE SYNTHETIC CHAMOIS

Water Sprite is an exclusive PVA material that gently cleans and dries fine finished surfaces. It actually lifts off residual dirt and grime away from the surface, leaving it clean and dry. It is not affected by mildew, bacteria or common household chemicals. It is used in place of a sponge or towel and when wet, can be used immediately upon removal from its package. It is individually packaged in a reusable plastic tube for convenient storage, moist or dry, in glove compartment or trunk. Size 3.0 square feet.

P/N 09-03062 ..................$14.80
AVL LUBRICANTS & RUST INHIBITORS

AVL LIGHT - The premium light lubricant and rust inhibitor that penetrates and displaces moisture fast, leaving a delicate coating for excellent lubrication and rust protection. A fine, light film that resists the accumulation of dust and dirt. Ideal for drying and protecting electrical connectors and delicate machinery. Can sprays upright or inverted. P/N 09-02106 ........................................... $8.65

AVL MEDIUM - The premium medium lubricant and corrosion preventor is specifically designed to penetrate and displace moisture fast. It leaves a medium weight oily coating for long term lubrication and rust prevention. Can sprays upright or inverted. P/N 13-02963 ........................................... $7.50

AVL THICK - The premium thick lubricant and corrosion preventor penetrates and displaces moisture. It stops corrosion on contact leaving a thick coating for long term lubrication and corrosion prevention. Can sprays upright or inverted. P/N 13-02964 ........................................... $4.75

AVL NO CHLOR CLEANER/DEGREASER

The powerful flushing action and a high solvency formulation makes cleaning metal parts faster and easier. Penetrates quickly into hard to reach areas, cleaning thoroughly. AVL NO CHLOR Cleaner/Degreaser does not contain any 1,1,1 Trichloroethane or any solvents or CFCs known to deplete the stratospheric ozone layer. Evaporates quickly leaving no residue. Removes oil and grease on contact. This is the best non-chlorinated degreaser we have ever produced. 14 oz. P/N 13-02958 ........................................... $12.65

AVL FAST ACTING CLEANER/DEGREASER II

AVL Fast Acting Cleaner/Degreaser II is a highly concentrated solvent designed to remove dirt, grease, oil and grime from metal and non-metallic surfaces. Cleaning is quick and simple without the danger of injury to working parts. Ideally suited for use on electronic motors even while running, electronic equipment, ignition systems, generators, power tools, etc. It is non-flammable and non-conductive so it can be used while motors and equipment are operating. Cleans & degreases very fast and dries quickly leaving little residue. P/N 13-02960 ........................................... $7.95

MACH #1 DEGREASER/CLEANER

A citrus scented degreaser and cleaner designed for the aircraft industry. This surface degreaser is non-irritating but will remove heavy encrustations. Mach #1 (formally known as Big Orange Plus) combines solvent power with an emulsifier system that removes hydraulic fluids, fuel stains, and exhaust soot. P/N 13-00031 ........................................... $27.50

CLEAR VIEW PLASTIC CLEANER

Clear View™ glass and plastic cleaner is safe on all plastics and glass, contains no ammonia. This foaming cleaner leaves a shiny finish with no residue. It easily removes bugs and grime from windshields and all surfaces. 15 oz. P/N 13-02959 ........................................... $6.85

CRAZY CLEAN ALL PURPOSE CLEANER

Crazy Clean is an all purpose cleaner which is excellent for removing fuel stains, exhaust stains, an degrease and grime from your aircraft. Ideal for removing bugs from leading edges. Crazy Clean produces a cinging foam which cleans and deodorizes and leaves a clean, not waxy surface. Keep a can in the airplane to use when travelling. Recommended by Aviation Consumer. 15 oz. aerosol can. P/N 09-00563 ........................................... $8.50

AVL ELECTRO CONTACT CLEANER

The premium aviation cleaner that penetrates fast, cleans and degreases, removes dust and dust buildup without leaving a noticeable film or oil residue. Both penetrate and dry quickly, ideal for air and ground, electrical and avionics, and sensitive mechanisms. Non-flammable. P/N 13-02958 ........................................... $12.65

EXTREME SIMPLE GREEN

AVCRAFT CLEANER

Unique cleaning & anti-corrosion chemistry delivers superior performance and materials-safety all in one. Cuts through tough, built up grease, oil, dirt, pollution, insect residue & impact soils. Gets its superior cleaning from a unique “triple play” cleaning formula. 2 high performance surfactants and new generation grease lifter/cutter combime to get the soil away so the aircraft surface quickly and keep it away so it can be cleanly rinsed away. Also able to go into oil/water separators and have oil break from solution. Extreme Simple Green’s safety upon aircraft materials and precision cleaning surfaces comes from a combination of proven anti-corrosion agents. Time tested coupling agents allows these to work together to battle corrosion & hydrogen embrittlement. This makes it safe to put through pressure washing equipment, rack wash systems, dip tanks & parts washers, without any equipment damage. 32 oz. P/N 09-00809 ........................................... $10.95 Gallon P/N 09-00810 ........................................... $16.75 5 Gal. P/N 09-01236 ........................................... $82.50

SIMPLE GREEN PRO HD CLEANER

Simple Green® Pro HD is a non-toxic, non-corrosive, professional grade product developed by Cleaners/Degreasers for applications including use on floors, walls, industrial equipment, appliances; automotive or recreational vehicle cleaning and degreasing; commercial kitchens and baths; and for pressure washing, parts washing, ultrasonic cleaning, and more. It quickly eliminates tough grease and grime, removes stains, and is safe on metal surfaces. Simple Green Pro HD is your one-stop cleaner and degreaser! P/N 09-02399 ........................................... $14.85

SIMPLE GREEN SAFETY TOWELS

Non-toxic and Biodegradable. Pre-moistened, quick and versatile with no color and no added scent. Non-abrasive and abrasive sides. P/N 09-01297 ........................................... $13.50

CRAZY CLEAN ALL PURPOSE CLEANER

Crazy Clean is an all purpose cleaner which is excellent for removing fuel stains, exhaust stains, an degrease and grime from your aircraft. Ideal for removing bugs from leading edges. Crazy Clean produces a cinging foam which cleans and deodorizes and leaves a clean, not waxy surface. Keep a can in the airplane to use when travelling. Recommended by Aviation Consumer. 15 oz. aerosol can. P/N 09-00563 ........................................... $8.50

AVCRAFT SPRUCE WEST

CORONA, CA • (877) 4-SPRUCE

AVCRAFT SPRUCE EAST

PEACHTREE CITY, GA • (877) 477-7823

INDUSTRIAL CLEANER/DEGREASER

Use for equipment and machinery degreasing, parts washers and dip tanks, mechanized applicators. Non-toxic & biodegradable, non-abrasive & non-flammable. 1 Gallon (pump) ........................................... P/N 09-01301 ........................................... $1.65 1 Gallon (pump) ........................................... P/N 09-01302 ........................................... $16.95

SIMPLE GREEN 30 GAL. PARTS WASHER

15" depth soak basin at deepest point. Stainless steel workshelf, flex spigot & nylon flow-thru brushClean out plug for easy drain cleaning, includes filter kit and circulating pump. Overall dims: 36"L x 24"W x 39"H. P/N 09-01303 ........................................... $598.00

SIMPLE GREEN 4-WAY PROPORTIONER

Assures proper mixing, controls material usage costs, minimizes excessive packaging disposal, and saves time. Dispenses diluted Simple Green® in four strengths at 1 gallon per minute. Also includes six foot hose with trigger handle for bucket fill and pre-formed tube for bottle fill. P/N 09-01304 ........................................... $149.85

SIMPLE GREEN HAND CLEANER GEL

Simple Green® Hand Gel is the safer solution for heavy-duty hand cleaning. With over 25 years of environmental leadership, Simple Green has customized a hand cleaner that has the powerful cleaning ability of Simple Green All-Purpose Cleaner/Degreaser, while being easy on the hands. It contains natural pumice to enhance the cleaning of stubborn dirt and grease; and lanolin for moisturizing and protecting skin. 5 oz. P/N 09-01301 ........................................... $1.65 1 Gallon (pump) ........................................... P/N 09-01302 ........................................... $16.95

SIMPLE GREEN 30 GAL. PARTS WASHER

15" depth soak basin at deepest point. Stainless steel workshelf, flex spigot & nylon flow-thru brushClean out plug for easy drain cleaning, includes filter kit and circulating pump. Overall dims: 36"L x 24"W x 39"H. P/N 09-01303 ........................................... $598.00

SIMPLE GREEN 4-WAY PROPORTIONER

Assures proper mixing, controls material usage costs, minimizes excessive packaging disposal, and saves time. Dispenses diluted Simple Green® in four strengths at 1 gallon per minute. Also includes six foot hose with trigger handle for bucket fill and pre-formed tube for bottle fill. P/N 09-01304 ........................................... $149.85

SIMPLE GREEN FOAMING CRYSTAL INDUSTRIAL CLEANER/DEGREASER

Fragrance-free and color-free solution. P/N 09-01305 ........................................... $4.95

SIMPLE GREEN CONCENTRATED CLEANER/DGREASER DEODORIZER

Clean & deodorize inaccessible areas with ease. 24 oz. (Trigger Spray) ........................................... $6.50 1 Gallon ................. P/N 09-01307 ........................................... $15.75

SIMPLE GREEN LIME SCALE REMOVER INDUSTRIAL/INSTITUTIONAL DESCALER


Prices Subject to Change Without Notice

CS

455
AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE
AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

**MICROFIBER CLEANING TOWELS**

These non-abrasive, super absorbent cleaning towels are excellent for cleaning plexiglass, rotors, props, and fronts of aircraft to remove bugs and dirt without fear of scratching. Microfiber needs only water to work due to its unique construction. Used extensively on aircraft, boats, RVs, and motorcycles. Available in Terry style (16”X16”, blue) and in Chamois style (16”X24”, gold).

Terry style: P/N 09-00372 $2.75 ea
Chamois style: P/N 09-00273 $6.65 ea

**KIMTEX SHOP TOWELS**

The heavy-duty oil and solvent disposable wiper to replace cloth. Excellent for machine shop use.

Each: P/N 09-03473 $0.35
Pkg of 10: P/N 09-02996 $3.95
Pkg of 50: P/N 09-02997 $14.95

**MICROFIBER CLEANING CLOTH**

The Mystic Maid® Microfiber Cleaning Cloth will clean all hard surfaces to a streak-free brilliance without chemicals. No cleaning agents, soap, or detergent is needed; just the cloth and water. Simply wet the cloth, wipe the surface, and the cloth leaves a brilliant surface that air-dries in seconds. Machine washable and reusable for countless applications. Removes grease, dirt, and dust. Excellent for cleaning the aircraft windshield and on leading edges for bug removal.

13” x 20” cloth: P/N 09-00191 $11.50 ea

**SONTARA AIRCRAFT WIPES**

Tough Dupont Sontara® AC™ aircraft wipes are the smart choice for both aircraft manufacturing and maintenance. Their strength and durability make them ideal for a wide variety of general purpose & pre-paint applications. Sontara® AC™ wipes leave surfaces clean because they’re extremely low-linting. Tackles tough cleaning agents without falling apart. every Sontara® AC™ is specially engineered to resist snagging on metal parts and corners. Superior to paper wipes which snag & tear. Outperforms cheesecloth which leaves strings behind when it snags on a rivet. Sontara® AC™ is great for wiping surfaces dry because it contains no additives that hamper absorptivity.

9” x 16” Wipes (Box of 100): P/N 09-00369 $18.75
12” x 16” Wipes (Box of 125): P/N 09-00368 $49.85

**DISPOSABLE MICROFIBER TOWELS**

These disposable Microfiber Towels are a generous 16 x 17 inch size and are made of the highest quality, aviation-grade Microfiber. Use these scratch-free/lint-free towels with All-Spray (PN: 09-20378) to leave your aircraft windows clean, smooth and brilliant.

10 Pack: P/N 09-02384 $14.80
50 Pack: P/N 09-02376 $31.50

**AIRCRAFT MICROFIBER POLISHING CLOTH**

This Polishing Cloth is an aviation grade, reusable microfiber cloth designed to remove any residue, dust or fingerprints from aircraft windows. Can also be used to go over painted surfaces and helps restore a brilliant shine. The smaller cloth can be used on avionics and helps remove dust and fingerprints.

Large Cloth: 22” x 25”
Small Cloth: 7.5” x 7.5”

Large Polishing Cloth (22 X 25 inches): P/N 09-02380 $9.65
Small Polishing Cloth (7.5 X 7.5 inches): P/N 09-02377 $8.75

**NEVR-DULL NATURAL STAIN REMOVER**

Nevr-Dull® Stain Remover is a proprietary blend of natural cleaning agents, plant-based surfactants, biocatalysts and enzymes. This specially blended enzyme-based stain remover is strong enough to remove all protein matter from hard surfaces, as well as catergory II spills like mildew, blood and much more. Ideal for cleaning hard-to-reach spots like tile, grout and corners. Safe to use around people and animals. Renewable-plant-derived formulation, phosphate free, no glycol ether, ozone safe, phthalate free.

P/N 09-02363 $7.50

**NEVR-DULL NATURAL GLASS CLEANER**

Nevr-Dull® Glass Cleaner is an environmentally friendly glass and surface cleaner that leaves a streak-free shine. Use on a variety of surfaces that include plastics, glass, mirrors, chrome, automobiles, boats and especially Strata, EZZCY and Eisen glass. Ideal for use in hospitals, bathrooms and offices. Strong enough to use in commercial and industrial settings, but safe enough to use in the home.

P/N 09-02364 $7.25

**NEVR-DULL FOAMING HAND SANITIZER**

Nevr-Dull® Hand Sanitizer is a fast drying, non-sticky foam that contains unique conditioning and moisturizing ingredients. Skin is left feeling soft, silky and smooth, not dry or goopy. Proven to reduce S. Aureus by 99.99% in as little as 15 seconds. 1.7 oz pump bottle size. Fast acting – effective in as little as 15 seconds. Will not stain clothing. Kills 99.99% of most common germs. Biodegradable. No alcohol – non drying. Towel and rinse free use. No polymer thickeners or silicones. Nonflammable. Passes security check points including airports.

P/N 09-02369 $3.95

**PROTECT ALL POLISH**

Protect-All makes everything look better - cleans and polishes in one easy step. Works on vinyl, rubber, plastics, painted surfaces, fiberglass and chrome. Use Protect-All on the entire aircraft, inside and out, including windshields.

6oz. spray can: P/N 09-00556 $3.65
13.5oz. spray can: P/N 09-24900 $7.95
1/2 Gallon Jug: P/N 09-00599 $33.85

**PROTECT ALL QUICK & EASY WASH**

A non-abrasive, anti-static, water repellent wash that replaces soapy detergent products and eliminates rinsing when washing aircraft and other surfaces. No hose is needed. Quick & Easy Wash conserves water.Removes oxidation, stains and heavy grime with a strong cleaner or polishing compound before using Quick & Easy Wash for the first time. From then on use 1/2 oz. (1 capful) in a bucket with 2 qts. of water for an average size plane. Use 1 oz per gal. for larger aircraft. Wash a section at a time then just chamois, towel or squeegee dry! This is especially important where water use is restricted. Because you don’t need to rinse, you can wash in your hangar and airplane tie-downs.

Pint: P/N 09-24910 $7.50
Quart: P/N 09-24920 $15.90

**PROTECT ALL FIBERGLASS OXIDATION REMOVER & COLOR RESTORER**

1-Step Application: Cleans, Polishes, Seals Removes: Oxidation, Wax build-up, Stains, Surface scratches, Hard water spots For: Fiberglass, Gelcoat, Enamel, Polyurethane painted surfaces. 32oz. PN 09-01659 $15.95

Prices Subject to Change Without Notice
**CLEANERS – POLISHES**

**PPC AIRCRAFT CLEANERS**

**PERFECT DETAIL™ SURFACE ENHANCER**

Perfect DetailTM is the nation’s leading choice for producing a “wet look” shine! A light mist instantly produces maximum depth of gloss and flawlessly glassy brilliance on clean coat black, and all other paint finishes. It works especially well on all other non-porous surfaces (such as chrome, glass, etc.) while lightly cleaning and accenting soft surfaces such as vinyl, rubber, and leather. For engine detailing Perfect DetailTM can’t be beat! Perfect DetailTM is anti-static and slippery, enabling it to resist dust, dirt, and abrasion better than any product.

- 18 oz. P/N 09-00165 $12.25
- 1 Gallon P/N 09-00166 $49.65

**BELLY WASH™ DEGREASER**

Water-based BellyWashTM is highly concentrated for versatility and cost-effectiveness in any aircraft surface maintenance situation. It can be applied in any manner – spray, brush, wipe, power washer, etc. – and can be diluted with water by as much as 80:1 for routine cleaning in commercial application. Stubborn stains are dissolved almost on contact using full strength BellyWashTM, making it perfect for keeping troublesome aircraft bellies and wheel well areas in like-new condition. When used to remove concealing grime and petroleum-based residues form the aircraft engine area, BellyWash makes it possible to perform a more thorough inspection when checking for potential maintenance problems.

- 18 oz. P/N 09-00168 $13.85
- 1 Gallon P/N 09-00169 $118.75

**WING CLEAN™ LEADING EDGE CLEANER**

One major performance factor the aircraft owner/operator can improve upon is complete removal of all parasitic drag resulting from imperfections on the leading edges. Wing CleanTM is specifically formulated to both safely and effectively dissolve the problem. Wing CleanTM is water-based non-acidive spray-soak-rinse application dramatically improves an aircraft’s flight-readiness condition. Routine use of Wing CleanTM in series with PPC’s Perfect DetailTM and/or Prestige Protective Polish, produces a microcellular separation barrier on leading edge surfaces, making future bug removal a progressively easier task.

- 18 oz. P/N 09-00170 $9.95
- 1 Gallon P/N 09-00171 $39.75

**CRUD REMOVER™**

Crud Remover – made with water – is an environmentally safe replacement for heavy-duty petroleum cleaning solvents. It’s extremely powerful degreasing and deflattening abilities enable it to dissolve diesel fuel, soot, and oily deposits on contact, grease and heavy grime in seconds, and virtually any stain from any surface – including cloth – in a matter of seconds! It also loosens bolts. It can be applied in any manner – spray, brush, wipe, or soak – and simply rinsed off with water.

- 18 oz. P/N 09-00172 $10.75
- 1 Gallon P/N 09-00173 $39.75

**AERO GLAZE DRY WASH & POLISH**

Aero Glaze is a high-grade protector and restorer. Removes oxidation, fuel stains, soil, insects and exhaust deposits. Aero Glaze retards corrosion, resists stains and prevents paint deterioration.

- 1 Gallon P/N 13-00030 $64.75

**KLEEN JET CLEANER & DEGREASER**

Kleen Jet is a biodegradable aircraft industry cleaner and degreaser. It is a water-soluble, non-flammable, non-toxic concentrate that leaves no oily film or residual gumminess. Removes carbon, oil, grease, insects and inhibits corrosion and rust.

- 1 Gallon P/N 13-00029 $29.75

**BIG ORANGE PLUS**

A citrus scented degreaser and cleaner designed for the aircraft industry. This surface degreaser is non-irritating but will remove heavy encrustations. Big Orange Plus combines solvent power with an emulsifier system that removes SKYDROL, hydraulic fluids, fuel stains, exhaust soot.

- 1 Gallon P/N 13-00031 $27.50

**FLEET WASH**

Fleet Wash aircraft wash and wax is an effective cleaner that leaves a wax-like surface on the washed aircraft. Contains a high percentage of W-300. Fleet Wash leaves a high lustre, water-repellent surface which helps to repel dust.

- 1 Gallon P/N 13-00032 $27.60

**FORMULA 2™ CLEANER/PROTECTANT**

Formula 2TM Cleaner/Protectant is a chemically unique multipurpose liquid which thoroughly cleans, beautifies, and protects all leather, rubber, vinyl, and finished wood products in one easy step with no greasy film! Due to its unique chemistry, Formula 2TM can also be used on painted and plastic surfaces. When applied sparingly to such surfaces it dries to a slick smooth, invisible coating resistant to mud, fingerprints, food splatters, soap scum, water spotting, etc. On leather, rubber, and vinyl Formula 2TM first dissolves away imbedded grime, then penetrates and softens the material to give it new life and flexibility, at the same time providing a lustrous, weather-resistant finish to prevent future deterioration.

- 20 oz. P/N 09-00174 $11.50

**EASY™ ALUMINUM POLISH**

EasyTM Aluminum Polish is a unique liquid formula that produces a “mirror-like” shine in seconds on smooth aluminum, magnesium, stainless, brass, nick- el, etc. Its ability to melt oxidation and simultaneously bring up the metal’s true brilliance can’t be matched by any other polish. The application of EasyTM allows its exclusive acrylic polymer barrier to “lock” onto the metal’s polished surface to resist staining, tarnish, and weathering effects indefinitely. The fine “mirror” finish can easily be maintained with a quick “touch up” application of product as desired.

- 8 oz. P/N 09-00177 $9.95

**REAL™ WHEEL CLEANER**

RealTM Wheel Cleaner is the first detergent-based single product able to clean brake dust and corrosion from any type wheel in seconds! It works on contact to remove corrosion from older unfinished or neglected metals (aluminum, copper, brass, bronze, zinc) and is great for antique restoration. RealTM Wheel Cleaner’s exclusive detergent action saves both time and money when detail- ing any vehicle.

- 18 oz. P/N 09-00178 $9.95

**NATURALLY NEW™ TIRE DRESSING**

Naturally NewTM Tire Dressing utilizes PPC’s advanced water-based polymer technology to produce an effective, cost-efficient dressing that actually pro- tects rather than destroys the integrity of the sidewall. Naturally NewTM exactly describes the lustrous sheen imparted on contact with this instant action formula. The dry, semi-permanent barrier is both water repel- lent and resistant to dust, dirt etc. Naturally NewTM Tire Dressing adds maximum beauty while condition- ing to keep that “new tire” look during the treadlife of the tires.

- 18 oz. P/N 09-00179 $9.95

**SUNBLOCK FOR LEATHER KIT**

SunBlock’s newest product features cleaning and protection for leather that prevents stains and crack- ing. The SunBlock Cleaning System for leather inte- riors keeps your leather soft and supple by maintain- ing the moisture in the leather and preventing the destructive effects of everyday use while preserving the leather topcoat. Regular use of SunBlock Leather Cleaner and SunBlock Protection Cream will main- tain the original look and feel of the leather without affecting the leathers breath-ability. This kit is safe for all leather except Suede or Nubuck.

Contains:
- 1- 5oz. Bottle of SunBlock Leather Soft Cleaner
- 1- 5oz. Bottle of SunBlock Leather Protection Cream
- 1- Soft Cloth
- 1- Sponge

P/N 06-01048 $19.95

**Prices Subject to Change Without Notice**

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

457
JET STREAM AVIATION PRODUCTS
POWERFOAM SPRAY & WIPE FOAM CLEANER
An exterior and interior spray and wipe cleaner. On aircraft exteriors, Powerfoam will effectively clean carbon exhaust, engine cowplings, oil and bug debris for use with wet buffing pads as a “trip ready” wipe and cleaner. On aircraft interiors, Powerfoam will completely clean smudge marks, nicotine stains, fingerprints and food stains. Can also be used on leatherette, sinks, table tops, woodworking, stainless steel, lavs, painted or similar surfaces.
19 oz. Can $13.95 P/N 09-39790

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE
AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

FLITZ FIBERGLASS / PAINT RESTORER
Flitz Fiberglass/Paint restorer safely cleans, polishes, and protects fiberglass, plexiglass, painted surfaces, and plastics. It removes rust, oxidation, tarnish, and tar. It will not harm gel coat or clear coat, anodized or polished aluminum, stainless steel, brass, copper, chrome, and more. Contains no ammonia or abrasive.
8.5 fl. oz. $14.50 P/N 09-01240

FLITZ SPEED WAXX
This wax is perfect for waxing between flights. This remarkable spray on/wipe off wax is water based. No streak. No Smear. No residue. Gives a super gloss, super fast. 16oz trigger spray.
09-01678 $14.50

FLITZ ALUMINUM & FIBERGLASS POLISH
Flitz is a non-abrasive paint and plexiglass polish which can be used on all metal surfaces including polished aluminum, painted surfaces, and fiberglass. It is easy to apply and remove, and leaves a protective film to protect the surface up to 4 months. A very popular
P/N 09-03485 $10.95

FLITZ POLISHING AND BUFFERING BALL
The Flitz 8” Polishing & Buffering Ball is made of a visco material which is a blend of material vs. lamb’s wool or cotton which is a heating material. This way it doesn’t burn the paint and can be used to buff leading edges without having to tape them. This ball works wonders with Flitz Products and makes polishing much easier, faster and more effective in less than half the time. It fits all drills and air tools and will buff out scuffs, oxidation tarnish, pitting, corrosion on all metals, paints, fiberglass, plastics, and wood. Re-usable & washable.
P/N 09-00054 $36.50

FLITZ MICROFIBER CLOTH
The Flitz microfiber cloths are 30 times finer than cotton and are great for buffing out waxes and polishes by hand. They will wash windows without chemicals (just use water) and will not streak or leave lint. Size: 16” x 16”.
P/N 09-00056 $3.65

KOZAK SUPER DRY WASH
Use on metal, painted, or buffed aircraft surfaces to clean and maintain a beautiful shine. Good on spinners and prop blades too! Made from specially woven cotton fibers with a unique cleaning formula that lifts loose dirt and dust up and away from the surface. Use every time you fly to maintain a shine all year round! Retractable 30 times.
P/N 09-00034 $12.85

SUPER SHINE SPRAY CLEANER & PROTECTOR
Super Shine™ is a non-aerosol, all purpose spray cleaner and protector. Just spray on Super Shine and let its foaming action lift off dirt and grease from all washable surfaces. Surfaces stay cleaner longer, while foaming and static build up is eliminated. Ideal for use on plastic windows. Plexiglas, windsheilds, vinyl, leather, glass, tires and trim, chrome, fiberglass, acrylics, veneers, and painted surfaces. Non-toxic and meets California Clean Air Act. Widely used in aviation, racing/automotive, motorcycle, & marine industries.
15 oz. Spray Can P/N 09-42580 $5.85 ea

SUPRACLEANER®
AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice

POLISHES – WAXES – CLEANERS
CYCLO POLISHING PRODUCTS

CYCLO ORBITAL POLISHERS FOR AIRCRAFT
Genuine Cyclo Polishers: a fifty-year heritage of quality.
Precision machined and hand assembled for a lifetime of trouble-free operation, the Cyclo Polisher’s dual heads orbit in a random, overlapping motion to achieve a fine hand polishing. Leaves a dazzling, swirl-free shine every time. The Cyclo Dual Head Orbital Polisher is the most effective means of polishing available today. Even in the hands of a novice, it is safe to operate and provides professional results every time. The difference lies in the tool’s overall balance and its patented dual heads. The dual heads operate in a synchronized motion, providing the most effective results without fear of heat build-up; damage to trim pieces, moldings and gaskets; swirl marks, holograms and more. The low-vibration and balanced design allow for a more even application and better control when operating.

Electric Polishers

CYCLO ELECTRIC POLISHER
* P/N 09-35715 $289.00

CYCLO POLISHER BONNETS
THE ORIGINAL CYCLO CUTTING WOOL - Metal Polish/Cleaner - Paint Deox - Paint Compound - Paint Swirl Removal. With Velcro P/N 09-35727 $5.90
Without Velcro P/N 09-35760 $7.95

WHITE FINISHING PADS - Extreme Shine - Final Wax Buff - Wax Application - Sealant - Metal Sealant With Velcro P/N 09-35735 $4.60
Without Velcro P/N 09-35736 $7.95

GREEN POLISHING PADS - Sealant - Paint Cleaner - Metal & Paint - Pad Holders
With Velcro P/N 09-35732 $4.60
Without Velcro P/N 09-35711 $8.40
Note Polishing Pads with Velcro require the RUBBER PAD HOLDERS P/N 09-35730 listed with the Cyclo accessories

COTTON TERRY PAD COVER - Final Wax Buff - Upholstery A 100% cotton terry cover. Perfect for cleaning interior surfaces and for buffing, polishing, and drying exterior surfaces. P/N 09-35755 $3.50
- Tile and Grout - Ice Hockey Rink Walls - Rust Removal - This coarse nylon pad is strong, durable, and specifically designed for rough surface areas.

FASTCUT® 600 GRIT DISC - The Cyclo Dual Head Orbital Polisher is the most effective means of polishing available today. Even in the hands of a novice, it is safe to operate and provides professional results every time. The difference lies in the tool’s overall balance and its patented dual heads. The dual heads operate in a synchronized motion, providing the most effective results without fear of heat build-up; damage to trim pieces, moldings and gaskets; swirl marks, holograms and more. The low-vibration and balanced design allow for a more even application and better control when operating.

CYCLO BRUSHES
GRAY ULTRA SOFT UPHOLSTERY BRUSH - Upholstery - Fine Carpets - Fine Interiors
P/N 09-00689 $20.75
AQUA SOFT CARPET BRUSH - Fine Carpets - Durable Carpets - Auto & RV Carpets & Upholstery
P/N 09-00690 $22.65
WHITE STANDARD CARPET BRUSH - Auto & RV Carpets & Interiors - Tile & Grout - Durable Carpets
P/N 09-35742 $21.75
BLACK STIFF SCRUB BRUSH - Tile & Grout - Truck Bed Liners.
P/N 09-35740 $19.75

CYCLO POLISHER ACCESSORIES
Rubber Pad Holders P/N 09-35730 $9.95
Flat Wrench P/N 09-35745 $5.50

CYCLO 5-PRO POLISHERS
The Cyclo Toolmakers Model 5-Pro Polisher is 110 volt machine featuring a new solid state variable speed controller, three year warranty and complete Vibration Elimination System trade set-up. The Model 5-Pro Series Polisher is designated for use in North America and countries that supply 110 V a.c. power.

80-012/C-PG, MODEL 5-PRO PROGUARD POLISHER: Cyclo Model 5-Pro Polisher with ProGuard Orbital Backing Plate, VES Yellow, Silver and Blue Weighted Inserts, L Hex-Key Wrench, Flat Wrench.
P/N 09-35743 $318.00

80-012/C-RPH, MODEL 5-PRO RUBBER PAD HOLDER POLISHER: Cyclo Model 5-Pro Series Polisher with Rubber Pad Holders, Head Assemblies, VES Yellow, Silver and Blue Weighted Inserts, L Hex-Key Wrench, Flat Wrench.
P/N 09-35745 $367.00

CYCLO CTI 1 PASS EXPRESS™ CLEANER - POLISH – SEALANT
CTI 1 Pass Express removes light scratches and environmental contaminants in one operation. Restores showroom color and brilliance, and protects finishes with a brilliant weather resistant silicone film. Excellent on any paint surface, including clear coats.
1 GAL P/N 09-00416 $71.75
16 OZ P/N 09-00417 $13.95

CYCLO POLISH & PROTECTIVE SEALANT
CTI Polish & Protective Sealant is a high poly sealant that will give your surface 12-18 months of durable protection and brilliant gloss. Restores your paint to its original new car shine. Great for use on all painted surfaces.
Cannot be sold to residents in the following states: CA, CT, DE, DC, IL, IN, ME, MD, MA, MI, NH, NJ, NY, OH, PA, RI, VT, VA, WI
1 GAL P/N 09-00418 $56.75
16 OZ P/N 09-00419 $12.85

CYCLO FREE FLITE™ PROTECTIVE SEALANT
CTI Free Flite™ Protective Sealant is a mild deoxidizing agent specially formulated to bond to bare metal. It removes those fine polishing swirl marks seen only in direct sunlight and leaves a protective coating that prevents further oxidation. For use on metal only.
Cannot be sold to residents in the following states: CA, CT, DE, DC, IL, IN, ME, MD, MA, MI, NH, NJ, NY, OH, PA, RI, VT, VA, WI
1 QT P/N 09-00424 $29.95
5 GAL P/N 09-00425 $269.95

CYCLO FREE FLITE™ CLEANER – POLISH
CTI Free Flite™ Cleaner - Polish is an aggressive rubbing compound for badly oxidized aluminum. It removes corrosion, oxidation, and surface film, leaving a hard polished finish. Popular with airlines for use on the field. For use on metal only.

CYCLO AVIATION POLISHING KIT
The Cyclo Dual Head Orbital Polisher is the most effective means of polishing available today. Even in the hands of a novice, it is safe to operate and provides professional results every time. The difference lies in the tool’s overall balance and its patented dual heads. The dual heads operate in a synchronized motion, providing the most effective results without fear of heat build-up; damage to trim pieces, moldings and gaskets; swirl marks, holograms and more. The low-vibration and balanced design allow for a more even application and better control when operating.

Electric Polishers

CYCLO AVIATION POLISHING PRODUCTS

Prices Subject to Change Without Notice

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCE

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823
DE-ICER PRODUCTS

BF GOODRICH AGE MASTER RUBBER NO. 1 PROTECTIVE AGENT

Age Master #1 rubber protectant helps extend the life of your de-icers so you can cut maintenance costs, slow deterioration and aging, extend service life and save money. Age Master #1 protectant isn’t just a surface coat. It penetrates neoprene rubber to help retard damage from ozone, weathering and pollutants to help your de-icers stay strong and flexible. And now it’s economical, long lasting and easy to apply. Just follow the simple BF Goodrich guidelines. Wipe or brush on Age Master #1 protectant every 150 flight hours or at least semi-annually, for continuing protection. Age Master #1, the only rubber protectant recommended by BF Goodrich. Meets military specification MIL-P-11520E. Age Master #1 protectant is a staining material. Avoid contact with painted surfaces. Apply sparingly and let dry thoroughly before flying in rain to prevent run-back.

BF GOODRICH ICEX II FOR DE-ICERS

Icex coating boosts your de-icer performance so you fly with greater confidence by helping your de-icers shed ice at peak efficiency. Icex coating chemically bonds with rubber de-icer surfaces and forms a slick film that makes your de-icers slippery. It will lower the adhesive bond between ice and de-icer surfaces so your de-icers break the frigid grip of ice better and faster! Icex coating is easy to apply and economical, too. A single application provides 50 flight hours of added ice fighting protection on leading edge de-icers and 15 flight hours of protection on prop de-icers. Get Icex coating in quart cans for an attractive uniform satin finish on your de-icers. One is enough to treat a complete single or twin-engine aircraft.

BF GOODRICH DE-ICER CEMENT

BF GOODRICH SHINEMASTER PNEUMATIC BOOT TREATMENT

Shinemaster Prep is a surface coating that cleans de-icing boots & prepares the de-icer for Shinemaster. Shinemaster is a wax surface coating that enhances the appearance of pneumatic de-icing boots. Simply clean the boots with Shinemaster Prep per the instructions, then apply a couple of coats of Shinemaster treatment per the instructions. New boots look spectacular and old boots look like new. Compatible with AgeMaster No. 1 and IceX products.

BF GOODRICH SHINEMASTER RUBBER SEALANT

Shinemaster Sealant Prep is formulated for use before each PBS Boot Sealant application to avoid dulling and hard to remove build-up. PBS Prep will effectively clean pneumatic ice-boot of all old treatments assuring the best results possible when applying PBS Boot Sealant. Failure to prepare de-ice boots with PBS Prep may result in dulling due to build-up.

RAPCO BOOTSÄVER – THE DE-ICE BOOT REPAIR KIT

Another quality product from Rapco, Bootsäver seals pin holes by bonding with the boot material. It is black in color and can be smoothed to blend with the boot surface.

JET STREAM PBS BOOT SEALANT

PBS Prep is formulated for use before each PBS Boot Sealant application to avoid dulling and hard to remove build-up. PBS Prep will effectively clean pneumatic ice-boot of all old treatments assuring the best results possible when applying PBS Boot Sealant. Failure to prepare de-ice boots with PBS Prep may result in dulling due to build-up.

KILFROST TKS406B ICE PROTECTION FLUID

TKS 406B contains a mixture of glycol and alcohol and offers good ice protection capability (freezing point below -60°C). Principally used for in-flight ice protection, TKS 406B can also be applied to remove frozen deposits of snow, ice and frost from stationary aircraft on the ground. TKS 406B is designed for use in cold concentrate form (as supplied) and is available in 2.5 gallon, 5 gallon, 30 gallon, and 55 gallon containers. Features: • Ice Protection capability • Fully biodegradable • Simple to use Note: NO HAZ

SHIPPING FEES (UP TO 250 GALLON)

TKS FLUID FUNNEL

ICE AWAY - PROP ICE GRIP INHIBITOR

Sooner or later, most pilots get into icing conditions and an ice-free propeller may be the ticket to safety. Years of testing have shown Ice-Away to stay on for several hours in icing conditions. Ice-Away facilitates propeller ice shedding and enhances safety. Simply spray Ice-Away on the propeller leading edges and reaply as necessary.

RAIN B GON

Rain B Gon will dramatically improve your wet weather flying, riding or driving visibility. A hydrophobic coating technology that forms a chemical bond and causes the raindrops to bead up and blow away from the windshield. Rain B Gon’s innovative technology is designed especially for plastic. A clear acrylic, liquid, and aerosol, with no alcohol which can harm plastic. It is safe to use on glass windshields also. Can be applied on painted surfaces, and aids in easy removal of salt, ice, frost, insects and mud. 8 oz. spray bottle.

RAIN-X RAIN REPELLENT

Aircraft with bleed air ice removal systems, such as Cessna Citation and Learjet, need to have their windshields treated to help displace the rain. Repcom rain repellent was the recommendend product, but it is no longer available. Rain-X is manufactured by the same company and it is the same formulation. While not FAA approved, it works well in dispersing water on the windshield. *Not recommended for tinted or acrylic products, such as, windshields or windows on small general aviation aircraft. Benefits: • Improves driving visibility • Repels rain • Helps reduce sleet and snow from sticking • Rain-X transparent polymer coating causes rain to “bead up” and roll off glass surfaces.

RAINAWAY

A protective treatment which leaves a clear, smooth, non-stick surface. Visibility is improved by repelling rain, bugs, frost and road film. Raindrops bead up and are blown away while flying. 4 oz. Spray.

RAINCOAT ADVANCED WATER REPELLENT COATING

Raincoat® Spray is a hydrophobic (water repellent) wax blend suspended in a water/alcohol blend. (The alcohol is less than 10% which is safe on virtually all plastics.) Depending on temperature and humidity, this wax will take about 5 to 10 minutes to dry and buff. Once buffed clear, water drops are beaded up and repelled off of plastic surfaces much like a Teflon® pan. This water repellency rolls off drops that would normally distort vision, especially at night when reflections from lights are distracting. Another benefit is that your plastic windows will stay cleaner because water spots are reduced.

Prices Subject to Change Without Notice
EZCLEAR ALL-SPRAY DETAILERS
The All-Spray Detailer packages All-Spray cleaner and a disposable Microfiber Towel into a portable Wet/Dry combo pack. This on-the-go Detailer is designed for a quick, single-time aircraft window cleaning application. Store these window detailers in the back of the aircraft or in the glove box. The Detailer measures 3.25” x 4.5” when folded in half. A package of 10 makes a great gift.

P/N 09-02375 ........................................ $3.95

EZCLEAR ALL-SPRAY CLEANSING AND DETAILING GA AIRCRAFT WINDOWS
Detailer’s All-Spray is an aviation grade, anti-static detailing spray that will quickly restore a brilliant luster to acrylic surfaces. All-spray is ideal for cleaning aircraft windows, instrument panels, landing light and navigational lenses. It is also great for cleaning clear plastic, boat windows, convertible windows, helmet shields, motorcycle windshields, CD’s, aquariums, skylights, displays, and other Plexiglas, Lexan, Acrylic and Lucite plastic surfaces.

32 oz. P/N 09-02354 .................. $25.90

EZCLEAR INSTRUMENT PANEL CLEAN KIT
This product meets Garmin G1000 Pilot Guide specs for cleaning and is safe to use on glass panels. EZCLEAR Instrument Cleaning provides a safe, effective way to remove fingerprints and dust from glass panels, instruments and more. The kit contains three EZCLEAR Cleaning Packs and one Polishing Cloth; these items have been specifically paired together to ensure safe and effective screen cleaning. Per the instructions, the user wipes the surface with the Cleaning Pack and then dries the area with the Polishing Cloth. The Cleaning Packs are ammonia free, aviation-grade and will not remove or damage any anti-reflective coating. The Polishing Cloth is washable. This kit will last between 3-4 months depending upon frequency of use.

P/N 09-02394 ........................................ $14.85

EZCLEAR WINDOW POLISH KIT
Complete kitted solution. Used to restore aviation grade acrylic transparent surfaces such as an acrylic aircraft window, transparency, navigational or landing light lens. Removes major or minor hazy flashes or scratches or minor damage and restores clarity to 99.7%. Leaves clear, distortion free finish. Enough for 1-3 applications (4 sq ft), depending upon damage. Re-stockable EZCLEAR replenishment products available.

NOTE: The Ezclear Starter Demo Kit contains an Ezclear 5” Backing Plate (PN 09-03701). If purchasing the Repair Pack you need to purchase the 5” backing plate separately.

Starter Kit Contents: 1 - EZCLEAR Aviation Restoration Pack (3) Medium Restoration Polish/Disc (10CC + 5” White Disc), (1) Medium Restoration Polish/Pad (2 FL OZ + 5” White Pad), (1) Preparation Spray (16 FL OZ + Trigger Sprayer) 1 - 110V Dewalt Heavy Duty Polisher (includes handle) 1 - EZCLEAR Backing Plate (5”), Standard 1 - EZCLEAR Microfiber Towels (10 towels/pack)

P/N 09-03693 ........................................ $299.99

Repair Pack Contents: 3 - Medium Restoration Polish/Disc (10CC + 5” White Disc) 1 - Medium Restoration Polish/Pad (2 FL OZ + 5” White Pad) 1 - Preparing Restoration Polish (2 FL OZ + 5” Red Pad) 1 - Preparation Spray (16 FL OZ + Trigger Sprayer)

P/N 09-03694 ........................................ $88.50

5” Backing Plate .............................................. P/N 09-03701 ........................................ $29.85

NANOCLOAK™ NANO MEMBRANE
NanoCloak™ is a wonder of nano coating membrane technology, providing ultimate UV degradation protection and amazing self-cleaning properties. Applicable to most Avio lights in aerospace, marine, transportation, and safety. It is also used for not only these features but also for anti-microbial and anti-fungus/mold performance characteristics to make lighting in hospitals and schools etc. germ free. Features: Waterproofing, UV-proof, Anti-microbial, Self-cleaning, Anti-graffiti, and Dirtproof.

P/N 11-12322 ........................................... $119.00

NANOCLOAK™ DEGREASER
Hydrophobic and oleophobic polymer protection of plastics, polycarbonates, plastic coated surfaces, ceramics, glazed surfaces and surfaces with plastic coating.

POLYMEMBRAN PLAST IS a innovation polymer protection of plastics, polycarbonates, plexiglass and composite plastic materials. The system of polymeric membranes creates an ultra-thin invisible layer with long lifetime on the surface. This layer significantly increases the surface tensile strength. Thanks to this property, the surface is highly hydrophobic and resilient to impurities, grease, oils, mineral impurities and limescale. It is also an excellent prevention against establishment and growth of bacteria, mold, fungi and algae. Thanks to partial self-cleaning effect, the surface can be cleaned with only water or a wet cloth without using cleaning chemicals. This significantly reduce maintenance cost and time!

The product finds applications in various sectors such as construction and agriculture as protection of window frames, handles, worktops, skylights, plastic chairs, tables, shower stalls, bathtubs and more... In engineering as protection of sensors, detectors. In aqua parks as protection against establishment of dirt on the pool walls, glass, mirrors etc.

P/N 11-12323 ........................................... $39.00

RID ODOR SPORT
Rid Odor Sport is a product that nearly every owner of a Single Engine/Multi Engine both pressurized and non-pressurized need! Why? Because there are two things that nearly every aircraft owner fights, whether they hang their aircraft or tied down. Moisture and Bacteria are the two major reasons why cabin spaces have terrific problems with “Odors”.

Rid Odor Sport is chemically engineered and designed to be attracted to ALL Malodor molecules and the reasons for them being there. Everything that is organic is surrounded by atoms. All atoms have one thing singularly in common and that is that they are oriented with a positive (+) charged molecules. Rid Odor Sport is designed so that the each molecule inside our formula is constructed with a negative (-) charged molecule. When Rid Odor Sport is pump sprayed into the vicinity of all of the Malodor Molecules (+) *, the Rid Odor Sport Molecules (-) are attracted and drawn in by Malodor molecules. Once they collide, the attraction destroys the malodor molecule.

Unlike other products that just mask over the odor, Rid Odor destroys the malodor and leaves the inside of the cabin smelling like new! 2 oz. Pump Spray ........................................... P/N 09-02609 .................................................. $7.95
8 oz. Trigger Spray ........................................ P/N 09-02610 ........................................... $12.75

AEROKROIL PENETRATING OIL
Corrosion, compression, chemical reactions, thermal variations and electronic interrelationships are the primary factors which contribute in varying degrees to frozen metal parts. For example, in some instances, loosening a frozen metal part requires that the molecular bond of oxidation be broken at the first molecular level. This recognition that the chemical bond be broken in an often-inaccessible location that exists literally in infinitely small spaces.

Based on a unique proprietary formula and manufacturing process, Kroil created a molecule which had an inherent means of expedient self propulsion which would penetrate into spaces which are immeasurably small.

In the lab, it was nicknamed Creeping Oil, Kreeping Oil, and finally Kroil. To these penetrating properties were added the ability to disrupt the existing corrosive bond while remaining chemically inert to the base metal. Since not all frozen parts are caused by corrosion, additional research has provided for the inclusion of other molecular properties as assuring that the final molecular architecture would also be capable of loosening frozen metal parts where other factors such as corrosion were more responsible for the problem. The result is Kroil, the world’s largest selling penetrating oil.

Guaranteed to penetrate, lubricate, and loosen frozen metal parts or it costs you nothing! 13 oz Aerosol ........................................ P/N 09-02665 ........................................... $17.95
16.5 oz Aerosol ........................................... P/N 09-03022 ........................................... $21.50
LPS® LOW SURFACE TENSION (LST)
A deep penetrating formulation attacks rust and corrosion to free “frozen” parts. LST has an extremely low surface tension that combines with a powerful foaming action to provide complete surface coverage, better penetration and improved moisture displacement. LST Penetrant lubricates and protects against rust and corrosion. 11 oz. aerosol can
P/N 09-01916 $9.75

LPS COPPER ANTI-SEIZE
Prevents seizure up to 1800°F (982°C). Lead free. Protects against seizure, heat-freeze, galling, rust and corrosion. Brushes easily. Highly adhesive on both wet and dry surfaces. Will not run, drip or settle out. Conforms to Mil-PF-907E. Ideal for use on stainless steel and for joining dissimilar metals. Copper color
1/2 lb. can P/N 09-02908 $14.75

LPS MAGNUM TEFOLON LUBRICANT
LPS® Magnum Teflon® Lubricant provides ultra-high lubricity, plus the additive strength of Teflon® for high-temperature, high-pressure environments. In even the most demanding situations, extend equipment life and reduce maintenance.
11 oz. Spray Can P/N 09-26430 $13.95

LPS FOOD GRADE SILICONE LUBRICANT
Food Grade Silicone Lubricant is a non-staining, high quality, lubricant designed especially for the food industry for use as an anti-stick agent for chutes and slides.
10 oz. P/N 09-04052 $8.95

LPS® COLD GALVANIZE CORROSION INHIBITOR
* Zinc purity greater than 99% * Works like a hot-dip on ferrous metals indoors and outdoors * Withstands water temperature up to 212°F (100°C) and continuous dry heat up to 750°F (400°C) * Commonly used as a flash rust preventative on welded areas * Long term protection * Flexible coating will not yellow, chalk, crack or peel * Electrochemically protects bare metal * Dries to touch in 3 to 5 minutes * 4 oz. (397g) – aerosol P/N 09-26425 $12.50

LPS® INSTANT SUPER DEGREASER *
* Heavy-duty performance * Power blast spray * Non-flammable * Removes oil, grease, dirt and tar * Non-chlorinated * Fast evaporating * Non-conductive * No rinsing * No residue * NSF® C1 registration #129029: (aerosol); #129028: (bulk) * Canadian Food Inspection Agency (CFIA) approved 20 oz. P/N 09-26415 $26.85

LPS KB-88 ULTIMATE PENETRANT
KB 88 has extremely high solvency and special additives to enhance penetration and attack corrosion. It makes the toughest maintenance job easier, faster, safer, and simpler. Formulated to attack and quickly release rusted and corroded nuts, bolts, hinges, and other frozen components. High KB solvency value of 151 and low surface tension and penetrates faster and deeper than most other similar products in the market place. Displaces moisture with an aggressive formula that is NSF® Certified. H2 Registration # 138534 (Aerosol) This product is VOC compliant in all 50 states.
13 oz. P/N 09-04027 $13.95
20 oz. P/N 09-04028 $19.50

LPS® TKX® ALL-PURPOSE LUBRICANT
All purpose, value lubricant which displaces moisture, loosens rusted or frozen parts and protects metal against corrosion. Does not contain chlorinated solvents or silicones. Safe to use on most surfaces. High flash point of 175°F (79°C). Inverta Spray Valve allows user to spray in an upright or inverted position. NSF® H2 registration. 11oz. (312g) – aerosol P/N 09-00148 $6.65

LPS® HDX HEAVY-DUTY DEGREASER *
* Nonflammable * Removes oil, grease, wax, dirt, moisture, tar, brake fluid and other contaminants * Fast evaporating * Low odor * Quick penetration * No residue * Non-conductive * NSF K1 registration #059809: (aerosol); #059810: (bulk)
19oz. (539g) – aerosol P/N 09-26400 $10.50
1gal. (3.78l) P/N 09-26408 $69.25

LPS 1® PREMIUM LUBRICANT
11oz. (312g) – aerosol P/N 09-26100 $11.90
1gal. (3.78l) P/N 09-26200 $46.95

LPS 2® HEAVY-DUTY LUBRICANT
Strong, multi-purpose lubricant and penetrant with added corrosion protection. Provides a non-drying, light, oily film for use on indoor/outdoor equipment. Reduces wear caused by friction and corrosion. Displaces moisture. Loosens rusted or frozen parts. Provides up to one year of protection. Non-conductive Safe on paint and most plastics. Inverta Spray Valve allows user to spray in an upright or inverted position.
1oz. (312g) – aerosol P/N 09-25900 $12.95
1gal. (3.78l) P/N 09-26200 $52.75

LPS 3® PREMIER RUST INHIBITOR *
* Forms a transparent, soft, waxy film for protection & lubrication * Inhibits rust & corrosion, protects steel parts indoors for up to two years * Penetrates to displace moisture * Does not contain chlorinated solvents or silicone * Non-conductive * Safe on most surfaces * Stops rust and corrosion * Provides non-sling lubrication * Provides anti-seize coating * Safe to use on rubber, fabric, plastics and paints * Inverta Spray Valve allows user to spray in an upright or inverted position. NSF® H2 registered #129027: (aerosol); #059849 (bulk)
11oz. (312g) – aerosol P/N 09-26300 $16.75
20fl. oz. (591ml) trigger P/N 09-011223 $22.50
1gal. (3.78l) P/N 09-26408 $67.80

LPS® QB PRECISION DUSTER *
P/N 09-02610 $36.50

* ATTENTION: Volatile Organic Compounds (VOCs) Government Regulations: Product cannot be purchased, sold or used in the states listed below.
CA, CT, DC, DE, IL, IN, ME, MD, MA, MI, NH, NJ, NY, OH, PA, RI, VA

Prices Subject to Change Without Notice
LPS PRODUCTS

**LPS ELECTRO 140 CONTACT CLEANER**
LPS Electro 140 Contact Cleaner is the high flash point, fast penetrating, non-residue cleaner alternative to CFCs for fine parts. The Electro 140 Contact Cleaner flash point is above 140°F, making it safer to use in areas where flammability may be a concern. It is free of any known stratospheric ozone depleting substances - like CFCs, HFCs, and 1,1,1 trichloroethane. Electro 140 has a low odor & is effective for flux removal and immersion cleaning.

- **Formulations:** 11 oz. Sprays
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $14.95

**LPS NO FLASH ELECTRO CONTACT CLEANER**
LPS NoFlash is a vapor-activated solvent cleaner alternative to CFCs that’s safe to use on most surfaces. It’s nonconductive and nonflammable, so it can be used while equipment is in operation to avoid costly downtime. NoFlash Electro Contact Cleaner penetrates and evaporates quickly, dislodging oil, grease, dirt, and other materials from precision mechanical and delicate electrical/electronic parts leaving no residue.

- **Formulations:** P/N 09-26465
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $31.60

**LPS MICRO-X CONTACT CLEANER**

- **Formulations:** P/N 09-26412
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $15.85

**LPS VGC CONTACT CLEANER**

- **Formulations:** P/N 09-02045
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $17.85

**LPS STRONG STEEL STICKS**
A non-flammable contact cleaner that removes oil, grease, dirt and other foreign materials from precision mechanical and delicate electrical/electronic parts. Fast evaporating. No flash point. No rinsing.

- **Formulations:** 15 oz. Aerosol
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $20.65

**LPS MICRO-X NU FAST EVAPORATING CONTACT CLEANER**
Reduced VOCs (Volatile Organic Compounds) Conforms to the VOC emission limits of CARB (California Air Resources Board), OTC (Ozone Transport Commission) and LADCO (Lake Michigan Air Directors Consortium). Quick penetration. Safe on plastics. Ideal for electronic and fine parts. Does not contain any chlorinated solvents. Removes dirt, dust, flux and other contaminants. NSF Nonfood Compounds Program Listed Category Code: K2 Registration # 142149. Inverts Spray Valve lets you spray in an upright or inverted position.

- **Applications:** Circuit Breakers, Connectors, Controls Contacts Fluid Systems Generators, Instrumentation, Keyboards, Magnetic Tape Heads, Motors Office Equipment, Printed Circuits, Relays, Semiconductor Assemblies, Sensors, Switch Gears, Switches, Telecommunication Equipment, Telephone Equipment, Televisions, TV Tuners
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $92.75

**LPS G-49 ORANGE DEGREASER LOW VOC’S**
Reduced VOCs. Instant cleaning action, no residue. Excellent for removing grease, grime, oil, and adhesives. Ideal alternative to Methyl Ethyl Ketone (MEK). Ideal for cleaning equipment. Not a Hazardous Air Pollutant (HAP). No ozone depleting chemicals (ODC). NSF registered category code C1, registration #142147. Inverts Spray Valve

- **Formulations:** P/N 09-02372
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $16.95

**LPS TAPMATIC #1 GOLD**
Tapmatic1 Gold Cutting Fluid is excellent tapping applications on all metals, including aluminum. It increases tool life while minimizing tool wear. It cleans and degreases multi-year protection for metal parts stored indoors. When applied, it penetrates and forms a durable, dry film which acts as an effective barrier, sealing out moisture, air, acid, and alkali fumes as well as other corrosive elements. In addition it does not react with dust or dirt. The tinted transparent film allows for good visual application and inspection of the treated surface.

- **Formulations:** P/N 09-25953
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $15.85

**LPS PROCYON CORROSION INHIBITOR**

- **Formulations:** P/N 09-00150
- **Specifications:** Size: 11oz, Surface Tension: 17.3 dynes/cm @77 F
- **Value:** $145.75

**AIRCRAFT SPRUCE WEST**
CORONA, CA • (877) 4-SPRUCE

**AIRCRAFT SPRUCE EAST**
Peachtree City, GA • (877) 477-7823

463

Prices Subject to Change Without Notice
CRC AVIATION MAINTENANCE PRODUCTS

CRC 3-36" MULTI PURPOSE LUBRICANT
A corrosion inhibitor which helps prevent electrical and electronic malfunctions caused by water penetration, humidity, condensation, or corrosion. Displaces moisture and inhibits corrosion. Appearance-Amber Liquid • Odor-Petroleum Distillate • Base Type-Petroleum • Flashpoint-144°F • Flammability-Flammable. P/N 09-39610 $9.95

CRC ULTRA-LITE LUBE
Ultra-thin, non-staining lubricant that resists oil, dirt and dust build-up. Seals out moisture and prevents corrosion with protective film. Excellent for drying out electrical/electronic components. Appearance-Amber Liquid • Odor-Petroleum • Base Type-Petroleum Solvent • Flashpoint-172°F • Flammability-Flammable. P/N 09-39602 $9.85

CRC POWER LUBE®
Multi-purpose lubricant that utilizes PTFE and extreme pressure additives. Appearance-Light Amber Liquid w/white precipitate • Odor-Wintergreen • Base Type-Petroleum Solvent • Flashpoint-<20°F • Flammability-Extremely Flammable. 11 oz. P/N 09-39605 $11.75

CRC HV SWITCHGEAR CLEANER & LUBRICANT
One-step cleaner, lubricant and corrosion inhibitor for metering. It penetrates to coat contacts and provides corrosion protection on switchgear mechanisms. Power Jet spray nozzle with a Hot Line tool adapter. Recommended for use on metering, distribution and substations class switchgear contacts, including URD and OVH applications. P/N 09-02611 $24.95

CRC QUICK DRY CONTACT CLEANER
An alcohol-based precision cleaner that is 100% free of CFCs. Ideal for applications where lower flashpoint solvents may be used. It evaporates rapidly and completely and is harmless to most plastics. Applications include: Switchgears • Circuit breakers • Telecommunication equipment • Fusible connecting devices • Motors • Generators • Relays • Terminals • Rheostats • Instrumentation • Communication equipment. Not for use on energized equipment. 16 oz. P/N 09-39620 $17.50

CRC PAINT & DECAL REMOVER
A solvent-based, high strength cleaner that effectively loosens and helps remove paint, adhesives and sealants. It helps protect equipment surfaces by eliminating damage caused by excessive scraping. Applications include: Dissolves and aids removal of paints, lacquers, adhesives and varnish • Removes graffiti from metal and stone • Removes conventional and formed-in-place gaskets on motors, pumps & flanges. Not for use on energized equipment. 16 oz. P/N 09-39622 $12.50

CRC SPRAY ADHESIVE
A general purpose quick tack adhesive especially formulated to bond to many foils, plastics, papers, foams, metals, carbboards and cloths.

CRC MULTI-PURPOSE SUPER WHITE GREASE
A high purity, NLGI Grade 2 multi-purpose white lithium grease. Provides superior lubrication & durability in any weather and most temperatures. Bright white in color. Ideal for when appearance is important. Applications: Assembly lube, bearings, break-in lubrication for bearings, cables, chains, chassis points, conveyor bearings, door tracks, garage door channels & openers, hinges, latches, machinery, open gears, overhead door tracks, roller bearings, sleeve bearings. P/N 09-15-06285 $7.50

CRC GREEN FORCE MULTI-PURPOSE CLEANER
Formulated to meet strict environmental requirements without sacrificing performance. It is a safe and versatile product for all of your cleaning needs. P/N 09-02419 $33.85

CRC GREEN FORCE HEAVY DUTY CLEANER
An environmentally preferable alternative to conventional water based solvent cleaners and degreasers. It quickly removes petroleum based soils such as grease, grime, and oil found in manufacturing environments. P/N 09-02420 $43.50

CRC GREEN FORCE GLASS & SURFACE CLEANER
Ideally suited to clean soiled glass and other hard surfaces. It effectively cuts greasy films and soils, leaving surfaces sparkling clean. 32 oz. P/N 09-02421 $10.50 1 Gallon P/N 09-02422 $32.50

CRC AVIATION DEGREASER

CRC REMOVER
A revolutionary alternative to 1,1,1 Trichloroethane and other chlorinated solvents. Cleaner and degreaser that effectively removes grease, oil, dirt and other contaminants from motors, parts and equipment. • Exhaust trails • Hinges • Antenna mounts • Static tubes • Wheel wells • Struts & tubes • Galleries • Seat tracks • Cargo doors • Cargo tracks. Not for use on energized equipment. 20 oz. P/N 09-39642 $19.00

CRC CORROSION SHIELD
A long-term corrosion inhibitor that provides extended protection for all metal parts and assemblies, both in storage and during shipment. Easily removed with solvent cleaners. • Seat and cargo tracks • Landings gear, wheel wells & keel bearing • Fuselage structure • Wing to body fairing • Pins • Hinges • Wing front & rear spar • Lower fuselage interior • Wing interior structure • Horizontal stabilizer • Ground support equipment • Chains and cables • Air conditioning ducts • Lap joints • Skin panel edges • Emergency escape hatch • Bulkheads • Entry and cargo doors. Not for use on energized equipment. 16 oz. P/N 09-39657 $15.50

CRC CORROSION SHELL
A long-term indoor and outdoor corrosion inhibitor for machined surfaces and assemblies subject to long periods of storage or adverse conditions during shipment. Its firm, waxy film is highly resistant to humidity and salt spray and never becomes brittle. Petroleum solvents may be used to dilute the product to vary the film thickness or to remove it after application. Applications include: • Completed assemblies • Seat tracks • Chains and cables • Landing gear • Wheel wells • Faying surfaces • Air conditioning ducts • Lap joints • Skin panel edges • Fuselage • Landing gear and bilges • Emergency escape hatch • Bulkheads • Entry & cargo doors, Not for use on energized equipment. 16 oz. P/N 09-02431 $10.95

ISOPROPYL ALCOHOL - ULTRA PURE CLEANING SOLVENT
A quick drying light-duty degreaser for use in industrial, electrical, electronic and aviation applications. Its 99% pure formula aggressively dissolves greases, dust, dirt, lint, oils and flux from most non-plastic surfaces. 120 oz. P/N 09-02423 $109.50

CRC BATTERY CLEANER
Water-soluble formula removes corrosion quickly and economically. Designed specifically to break down sulfates, restores battery output and reduces voltage leakage due to contaminants. Assures maximum battery current flow and promotes longer battery life. 11 oz. P/N 09-02424 $8.50

CRC KNOCK'ER LOOSE PLUS PENETRATING SOLVENT
A unique penetrant that immediately drops the temperature of the area in contact with the spray. The freeze shock action cracks rusted surfaces allowing it to reach deeper & work more effectively than other penetrants. 11.5 oz. P/N 09-02426 $9.90

DRY GRAPHITE LUBE
Ideal where a dry lubricant is required or where petroleum products must be avoided. Resists dirt, dust and oil build-up. Wide effective temperature range up to 850°F constant. 10 oz. P/N 09-02427 $10.85

CRC WHITE LITHIUM GREASE
Superior lubrication and durability in any weather or temperature. Preset for use as a break-in lubricant for bearings or as a general purpose lubricant and corrosion inhibitor for tools, machinery and equipment. 10 oz. P/N 09-02428 $11.95

Prices Subject to Change Without Notice
LOCTITE THREADLOCKER
Loctite Threadlocker used on a standard fastener can eliminate expensive locking devices while you increase the reliability and quality of your assembly. One drop prevents loosening. 2 removable strengths for large & small applications and permanent strength for locking parts you never want to take apart.

#222 Threadlocker (permanent, for small screws)
10 ml........ P/N 09-42620........ $39.90
24 ml........ P/N 09-42621........ $39.90
#262 Threadlocker (permanent, for large screws)
10 ml........ P/N 09-42610........ $39.65
24 ml........ P/N 09-42615........ $16.75
50 ml........ P/N 09-42622........ $39.90

PARKER-O-LUBE
Excellent for use on exposed valve plungers, cylinder rods, and other o-rings. It lubricates without causing deterioration of rubber and is water resistant. Good for low pressure vacuum and pneumatic systems.

4 oz. tube........ P/N 05-00773........ $8.50

SEALUBE
Anti-seize sealer for threaded aluminum alloy parts exposed to gasoline, oil, water, air or vacuum. Good lubricating qualities. Will not harden or set. Will not freeze joints at low temperatures. Non-corrosive, insoluble in gasoline, oil or water.

1 lb. Can........ P/N 09-25200........ $44.50

LUBRIPLATE NO. 630AA
Multi-purpose lubricant. Forms a wearing film on working surfaces. Excellent protection against rust and corrosion. Recommended for controllable pitch props, wheel and magneto bearings, general greasing.

14 oz. Can........ P/N 09-25400........ $13.90
6 lb. Can........ P/N 09-25500........ $65.75

WD-40 PENETRANT/LUBRICANT
Displaces moisture on any metal surface, preventing rust, corrosion or oxidation of the surface. Used on switches pulleys, wheel housings, seam areas. Non-gumming, non-conductive—safe for all electrical systems. 12 oz. Spray

P/N 09-00347........ $9.50

FAST DRYING GRAPHITE SPRAY 50605
Lubricates and protects - MCKAY Graphite Spray lubricates and leaves a fast drying graphite film on all automotive, marine and industrial parts before and after assembly. Keeps gears, valves, heads, shafts, rocker arms, engines, transmissions and all metal parts operating quietly and efficiently by reducing heat and friction. Keeps valves and valve seats carbon-free. Leaves a dark metal-like finish that adds a high quality look to all repair work. Prevents rust, corrosion and shelf deterioration. Non-abrasive, non-flammable, non-corrosive, non-toxic. Harmless to Anti-freeze and coolants.

12 Oz Spray P/N 09-25600........ $4.35

EZ TURN LUBRICANT (FUELUBE)
EZ Turn is a specialty lubricant/sealant used for fuel and oil line valves and is resistant to high temperatures. It is especially effective where high octane fuels and aromatics are present. EZ Turn is also extremely efficient as a gasket paste and anti-seize agent. EZ Turn will not gum, crack or dry out. Each shirt is independently tested. Excellent for tapered plug valves, aircraft engine manufacturing, and marine applications. EZ Turn is the functional equivalent of fuel tube.

5 oz. tube........ P/N 09-00306........ $11.85
1 lb. can........ P/N 09-00180........ $22.75

TRI-FLO TEFZON LUBRICANT
Penetrating lubricant with Teflon, corrosion inhibitors, moisture dispersers and solvents to soften and remove dirt and corrosion. Will not cause corrosion. Use on aircraft cabin door hinges, landing gear hinges and struts. Losens rusted bolts and other fasteners.

12 oz. aerosol can P/N 09-42540........ $16.90

FOAMING SUPERIOR LUBRICANT
Tri-Flow is revolutionizing the way you clean, protect and lubricate all of your moving parts with the introduction of Foaming Superior Lubricant and Foaming Citrus Cleaner Degreaser. Tri-Flow’s powerful foaming action clings to both horizontal and vertical surfaces to allow for deep penetration and accurate application. Tri-Flow Foaming products are ideal for use on bicycles, firearms, sporting equipment, manufacturing equipment, and more!

P/N 09-02082........ $12.50

LIQUID WRENCH
A powerful blend of quick acting solvents to free parts frozen by rust, corrosion or paint. Harmless to metals. 11 oz. Aerosol

Spray........ P/N 09-25800........ $4.35

F-900 "TORQUE SEAL"
Inspection Lacquer is used in production on compression fittings, studs, nuts, parts, and assemblies after they are in proper torque or position. Widely used as “Anti-Sabotage Lacquer”. Inspectors can visually detect any movement or tampering; Torque Seal becomes brittle and will crack. Excellent adhesion to all metals and to most other surfaces. Dries fast. Torque Seal is packaged in convenient 1/2 oz. poly squeeze tubes.

Available in 6 high visibility colors.

Yellow........ P/N 09-25807........ $1.95
White........ P/N 09-02411........ $1.95
Blue........ P/N 09-25809........ $1.95
Green........ P/N 09-25808........ $1.95
Orange........ P/N 09-25810........ $1.95
Red........ P/N 09-02033........ $1.95

F-925 RESISTANT SEAL
F-925 "Skydrol" RESISTANT SEAL An inspection lacquer used in areas where aircraft hydraulic fluid (Skydrol) might come in contact with the seal. A fast drying material that has excellent adhesion to most substrates. It becomes hard andbrittle so that visually any movement can be detected. Available in 1/2 oz. squeeze tubes. Color YELLOW and PINK.

Yellow........ P/N 09-25811........ $3.50
Pink........ P/N 09-03480........ $3.50

F-1000 SENTRY SEAL
Used on compression fittings, studs, nuts, parts and assemblies after they have been set to proper tension or position. Service personnel can quickly spot any changes or tampering with equipment. Sentry Seal has excellent adhesion to metals, including aluminum, magnesium, titanium, stainless and copper, and is non-corrosive to these metals. It is packaged in handy metal tubes. Squeeze the tube to extrude the Sentry Seal through the small hole to form a bead (narrow stripe) across the parts. The surface dries in about one minute, then it will start to polymerize and become brittle as it dries completely. Available in blue.

P/N 09-28512........ $4.95
A Space Age Lubricant developed by The Boeing Company that fights friction at the interface of the cutting edge and the workpiece. The reduction of friction at these surfaces minimizes heat generation and concurrent chip yield. Manufactured from fine particulate ingredients, Boelube is non-toxic, non-irritating and biodegradable. Boelube is non-corrosive, non-flammable, chemically stable and free of halogens, heavy metals, sulfur, phosphorus, silicone, petroleum, paraffin wax.

**BOELUBE LUBRICANTS**

**BOELUBE BL70200-13 SOLIDS LUBRICANT**

Boelube Solids improve tool life by reducing heat build-up in belt, disc or wheel grinding operations. Apply the push-up tube to the tool before start-up. Individual Boelube Blocks are ideal for grinding operations.

1.6oz Push Tube .......................... P/N 09-01731 $2.85

**BOELUBE 90 HIGH EFFICIENCY MACHINING LUBRICANT**
Boelube 90 is non-toxic, non-irritating, environmentally safe synthetic lubricant that is effective for machining many types of materials. BOELUBE 90 will provide superior lubricity leading to better finish and longer tool life. BOELUBE 90 is compatible with Aluminum, Titanium, Graphite, Composites, Honeycomb, Inconel, Kevlar, Wood, Ferrous and Nonferrous Metals. BOELUBE 90 is recommended for Drilling, Deburring, Broaching, Forming, Grinding, Milling, Gun Drilling, Routing, Reaming, Oil Hole Tools, Sawing, Punching and Tapping. BOELUBE 90 *is* used. 4oz Bottle ...................................................... P/N 09-01734 $7.75

**PERMATEX ANTI-SEIZE LUBRICANT**

1 oz. tube .................. P/N 09-28410 $4.75

**MICROLON PRECISION OILER**
This oiler has the famous Microlon resin suspended in a lightweight oil to lubricate, penetrate and prevent rust. It is excellent for lubricating bearings, threaded parts, hinges, pocket knives, chains, rollers, fishing gear, chain saws, guns, garage doors...just about anywhere that friction causes noise and resistance. Furnished in a handy pen size oiler with a pocket clip. 1/2 Fluid Ounces.

P/N 09-00756 ...................... $6.95

**CHEVRON RPM UNIVERSAL GEAR LUBRICANT**
RPM® Universal Gear Lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings. Chevron Delo Gear Lubricants ESI are premium grade, multipurpose gear lubricants. They are formulated with ISO-SYN® base stocks and compounded with a unique extreme pressure additive utilizing an inorganic borate compound. They also contain a patented, synergistic combination of additives that protect against wear, seizure, oxidation, corrosion, rust, and foam. Chevron Delo Gear Lubricants ESI are ideally suited for gear sets exposed to extremely high temperatures and loads.

P/N 15-08281 ....................... $12.85

**LOCTITE BLACK HIGH PERFORMANCE RTV SILICONE GASKET MAKER**
Loctite® 598™ Black High Performance RTV Silicone Gasket Maker retains high flexibility and oil resistance for longer gasket life. Temperature range is -40°F to 625°F (-40°C to 329°C) intermittent. Low odor, non-corrosive. Resist all most chemicals and solvents. Fills gaps to 0.25”. P/N 09-03532 $26.50

**LOCTITE QUICKSTIX C5-A COPPER ANTI-SEIZE**
Loctite® QuickStix® C5-A Copper Grade Anti-Seize Stick provides a shield against high temperature seizing and galling. All mated parts, studs, bolts, flanges and gaskets, remove more easily and in cleaner and better condition. This product can be used on copper, brass, cast iron, steel, all alloys including stainless steel, all plastics and all non-metallic gasketing materials. Protects metal parts to 1800°F. Prevents rust, corrosion, seizing, eases disassembly. Fine or coarse threads .................. P/N 09-03533 $13.85

**SLICK AIR LOW DRAG COATING**
It’s not a wax and it’s not a polish, it is a coating which was specifically designed to reduce air drag. It is a revolu-tionary coating that has a non-reactive inert surface that is very slippery. It reduces air drag because it has a very low surface energy which allows the air molecules to slip at the surface. This partial slip condition increases the air velocity at the surface. In a typical boundary layer profile the air velocity at the surface is zero and increases exponentially until, at the outer edge of the boundary layer, it is the same as the free-stream velocity. The shape and magni-tude of the boundary layer’s velocity profile determines the momentum loss, which corresponds to the drag. The higher the velocity near the surface, the lower the air drag. It is as easy to apply as any liquid car wax but with much less elbow grease required. It is like having three products in one. A cleaner to remove tar, tree sap, stains and pollutants, a micro fine leveling agent to level and remove fine scratches and blemishes on clear coats and dead paint on single stage finishes.

P/N 09-03754 ...................... $33.95

**BOELUBE 70104 LUBRICANT**
Boelube 70104 is non-toxic, non-irritating, environ-mentally safe synthetic lubricant manufactured from personal care ingredients that is effective for machining many types of materials. BOELUBE 70104 will provide superior lubricity leading to better finish and longer tool life. BOELUBE 70104 is non-corrosive, non-flammable, chemically stable, and free of Halogens, Silicone, Petroleum, Paraffin Wax, Sulfur, Phosphorus and Heavy Metals whether added or present in any of its ingredients.

BOELUBE 70104 is compatible with Aluminum, Titanium, Graphite, Composites, Honeycomb, Inconel, Kevlar, Wood, Ferrous and Nonferrous Metals. BOELUBE 70104 is recommended for Drilling, Deburring, Broaching, Forming, Grinding, Milling, Routing, Reaming, Gun Drilling, Oil Hole Tools, Sawing, Punching and Tapping. Handheld lubricant.......................... P/N 09-01732 $8.70

**LOCTITE QUICKSTIXX 5-A COPPER ANTI-SEIZE**
Loctite® QuickStix® 5-A Copper Grade Anti-Seize Stick provides a shield against high temperature seizing and galling. All mated parts, studs, bolts, flanges and gaskets, remove more easily and in cleaner and better condition. This product can be used on copper, brass, cast iron, steel, all alloys including stainless steel, all plastics and all non-metallic gasketing materials. Protects metal parts to 1800°F. Prevents rust, corrosion, seizing, eases disassembly. Fine or coarse threads .................. P/N 09-03533 $13.85

**BOELUBE BL70307L PASTE**
Boelube® Pastes provide excellent lubricity and are extremely cost effective in single point work such as Tapping, Drilling and Reaming. A small amount of Paste is all that is required to obtain a high quality finish and extended tool life with little or no clean-up required. Brush it on or dip tool in paste. Boelube pastes are also ideal for Forging and Bending as well as in Drop Hammer, Verson Press and Spin Forming applications. Boelube Pastes provide closer tolerance parts and extended diaphragm and die life. We furnish 70307 medium (blue) paste. 4oz Jar .............................. P/N 09-01735 $7.50

**ICLICHY BLACK HIGH PERFORMANCE RTV SILICONE GASKET MAKER**
Loctite® 598™ Black High Performance RTV Silicone Gasket Maker retains high flexibility and oil resistance for longer gasket life. Temperature range is -40°F to 625°F (-40°C to 329°C) intermittent. Low odor, non-corrosive. Resist all most chemicals and solvents. Fills gaps to 0.25”. P/N 09-03532 $26.50

**MICROLON PRECISION OILER**
This oiler has the famous Microlon resin suspended in a lightweight oil to lubricate, penetrate and prevent rust. It is excellent for lubricating bearings, threaded parts, hinges, pocket knives, chains, rollers, fishing gear, chain saws, guns, garage doors...just about anywhere that friction causes noise and resistance. Furnished in a handy pen size oiler with a pocket clip. 1/2 Fluid Ounces.

P/N 09-00756 ...................... $6.95

**MICROLON PRECISION OILER**
This oiler has the famous Microlon resin suspended in a lightweight oil to lubricate, penetrate and prevent rust. It is excellent for lubricating bearings, threaded parts, hinges, pocket knives, chains, rollers, fishing gear, chain saws, guns, garage doors...just about anywhere that friction causes noise and resistance. Furnished in a handy pen size oiler with a pocket clip. 1/2 Fluid Ounces.

P/N 09-00756 ...................... $6.95

**CHEVRON RPM UNIVERSAL GEAR LUBRICANT**
RPM® Universal Gear Lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings. Chevron Delo Gear Lubricants ESI are premium grade, multipurpose gear lubricants. They are formulated with ISO-SYN® base stocks and compounded with a unique extreme pressure additive utilizing an inorganic borate compound. They also contain a patented, synergistic combination of additives that protect against wear, seizure, oxidation, corrosion, rust, and foam. Chevron Delo Gear Lubricants ESI are ideally suited for gear sets exposed to extremely high temperatures and loads.

P/N 15-08281 ....................... $12.85

**MICROLON PRECISION OILER**
This oiler has the famous Microlon resin suspended in a lightweight oil to lubricate, penetrate and prevent rust. It is excellent for lubricating bearings, threaded parts, hinges, pocket knives, chains, rollers, fishing gear, chain saws, guns, garage doors...just about anywhere that friction causes noise and resistance. Furnished in a handy pen size oiler with a pocket clip. 1/2 Fluid Ounces.

P/N 09-00756 ...................... $6.95
## LOGO DECALS

Our full line of authentic aircraft logos are produced on state-of-the-art long lasting UV coated pressure sensitive adhesive vinyl. They are precision cut by a specially programmed computer and have no clear background. Other brands of decals can be produced cheaply but the clear background tends to yellow, rendering unsightly over time. With our custom cut decals, only the letters themselves go on the aircraft giving the lettering a truly professional look which will last as long as the aircraft paint. Please order by part number shown. Many other logos and styles are available, as well as other colors. Call for quotation or send $2.00 for our complete logo and decal catalog. For quote on custom logo decals, send sketch and details.

*FOR OTHER LOGOS AVAILABLE: Send $52.00 FOR COMPLETE LOGO AND DECAL CATALOG P/N 09-43736*

*Prices Subject to Change Without Notice*

### AUTHENTIC AIRCRAFT LOGO DECALS

<table>
<thead>
<tr>
<th>Logo</th>
<th>Part No.</th>
<th>Color</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronca</td>
<td>09-43555</td>
<td>Black</td>
<td>1.25&quot;h x 14.5&quot;w</td>
<td>$13.95 ea</td>
</tr>
<tr>
<td></td>
<td>09-43556</td>
<td>Silver</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>09-43557</td>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blackhawk</td>
<td>09-43568</td>
<td>Black</td>
<td>1.5&quot;h x 13&quot;w</td>
<td>$13.95 ea</td>
</tr>
<tr>
<td></td>
<td>09-43570</td>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Skyhawk</td>
<td>09-43577</td>
<td>Black</td>
<td>4.5&quot;h x 9.5&quot;w</td>
<td>$12.95 ea</td>
</tr>
<tr>
<td></td>
<td>09-43573</td>
<td>Gold</td>
<td></td>
<td>$27.90 pr</td>
</tr>
<tr>
<td>Cessna</td>
<td>09-43580</td>
<td>Black</td>
<td>6&quot;h x 8.25&quot;w</td>
<td>$12.95 ea</td>
</tr>
<tr>
<td></td>
<td>09-43581</td>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cessna 140</td>
<td>09-43582</td>
<td>Black</td>
<td>2&quot;h x 10.5&quot;w</td>
<td>$19.90/pr</td>
</tr>
<tr>
<td></td>
<td>09-43583</td>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mooney</td>
<td>09-43584</td>
<td>Black</td>
<td>5&quot;h x 8.75&quot;w</td>
<td>$12.95 ea</td>
</tr>
<tr>
<td></td>
<td>09-43585</td>
<td>White</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mooney</td>
<td>09-43593</td>
<td>Black</td>
<td>7.75&quot;h x 19&quot;w</td>
<td>$35.90 pr</td>
</tr>
</tbody>
</table>

### FOR OTHER LOGOS AVAILABLE

- Send $2.90 FOR COMPLETE LOGO AND DECAL CATALOG P/N 09-43736

### FOR OTHER LOGOS AVAILABLE

- Send $52.00 FOR COMPLETE LOGO AND DECAL CATALOG P/N 09-43736

- Prices Subject to Change Without Notice
**LOGO DECALS**

<table>
<thead>
<tr>
<th>LOGO DECALS</th>
<th>DESCRIPTION</th>
<th>SIZE</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Venture</strong></td>
<td>Black</td>
<td>2.25&quot;h x 6.75&quot;w</td>
<td>$12.95 ea</td>
</tr>
<tr>
<td></td>
<td>Black</td>
<td>3.25&quot;h x 3.25&quot;w</td>
<td>$12.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>3.25&quot;h x 3.25&quot;w</td>
<td>$12.95 ea</td>
</tr>
<tr>
<td></td>
<td>Black</td>
<td>9.25&quot;h x 23.5&quot;w</td>
<td>$18.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>9.25&quot;h x 23.5&quot;w</td>
<td>$18.95 ea</td>
</tr>
<tr>
<td><strong>Merlin</strong></td>
<td>Black</td>
<td>1.25&quot;h x 8-3/8&quot;w</td>
<td>$13.00 ea</td>
</tr>
<tr>
<td></td>
<td>Black</td>
<td>4-7/8&quot;h x 12-7/8&quot;w</td>
<td>$19.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>4-7/8&quot;h x 12-7/8&quot;w</td>
<td>$19.95 ea</td>
</tr>
<tr>
<td><strong>Spirit</strong></td>
<td>Black</td>
<td>8&quot;h x 16&quot;w</td>
<td>$23.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>8&quot;h x 16&quot;w</td>
<td>$23.95 ea</td>
</tr>
<tr>
<td><strong>American</strong></td>
<td>Black</td>
<td>2-1/8&quot;h x 8.25&quot;w</td>
<td>$10.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>2-1/8&quot;h x 8.25&quot;w</td>
<td>$10.95 ea</td>
</tr>
<tr>
<td><strong>Kitfox</strong></td>
<td>Black</td>
<td>9-7/8&quot;h x 46.75&quot;w</td>
<td>$33.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>9-7/8&quot;h x 46.75&quot;w</td>
<td>$33.95 ea</td>
</tr>
<tr>
<td><strong>Speedster</strong></td>
<td>Black</td>
<td>3-3/8&quot;h x 11.5&quot;w</td>
<td>$17.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>3-3/8&quot;h x 11.5&quot;w</td>
<td>$17.95 ea</td>
</tr>
<tr>
<td><strong>Cozy</strong></td>
<td>Black</td>
<td>1.5&quot;h x 13&quot;w</td>
<td>$9.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>1.5&quot;h x 13&quot;w</td>
<td>$9.95 ea</td>
</tr>
<tr>
<td><strong>Tiger</strong></td>
<td>Black</td>
<td>1.5&quot;h x 11.75&quot;w</td>
<td>$25.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>1.5&quot;h x 11.75&quot;w</td>
<td>$25.95 ea</td>
</tr>
<tr>
<td><strong>Pelican</strong></td>
<td>Black</td>
<td>1&quot;h x 10&quot;w</td>
<td>$21.75 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>1&quot;h x 10&quot;w</td>
<td>$21.75 ea</td>
</tr>
<tr>
<td><strong>Defiant</strong></td>
<td>Black</td>
<td>1.5&quot;h x 7.5&quot;w</td>
<td>$15.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>1.5&quot;h x 7.5&quot;w</td>
<td>$15.95 ea</td>
</tr>
<tr>
<td><strong>Barracuda</strong></td>
<td>Black</td>
<td>2&quot;h x 12.5&quot;</td>
<td>$10.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>2&quot;h x 12.5&quot;</td>
<td>$10.95 ea</td>
</tr>
<tr>
<td><strong>Barracuda</strong></td>
<td>Black</td>
<td>2.5&quot;h x 10.5&quot;w</td>
<td>$16.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>2.5&quot;h x 10.5&quot;w</td>
<td>$16.95 ea</td>
</tr>
<tr>
<td><strong>Zenaire</strong></td>
<td>Black</td>
<td>1.25&quot;h x 8.5&quot;</td>
<td>$9.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>1.25&quot;h x 8.5&quot;</td>
<td>$9.95 ea</td>
</tr>
<tr>
<td><strong>Zenaire</strong></td>
<td>Black</td>
<td>5&quot;h x 20&quot;w</td>
<td>$17.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>5&quot;h x 20&quot;w</td>
<td>$17.95 ea</td>
</tr>
<tr>
<td><strong>Zenaire</strong></td>
<td>Black</td>
<td>1&quot;h x 14.25&quot;w</td>
<td>$11.95 ea</td>
</tr>
<tr>
<td></td>
<td>White</td>
<td>1&quot;h x 14.25&quot;w</td>
<td>$11.95 ea</td>
</tr>
</tbody>
</table>

**Prices Subject to Change Without Notice**
LOGO DECALS

CENTURION
CL-311 - 3/16" h x 10-3/4" w
P/N 09-43981 (Blk)
P/N 09-43982 (Wh)
$10.95 ea.

STATIONAIR
CL-137 - 1-1/2" h x 14-1/2" w
P/N 09-43983 (Blk)
$14.25 ea.

SKYMASTER
CL-359 - 1-1/2" h x 11-1/2" w
P/N 09-43985 (Blk)
P/N 09-43986 (Wh)
$13.95 ea.

SKYMASTER 337
CL-179 - 1-1/2" h x 15-1/8" w
P/N 09-43987 (Blk)
P/N 09-43988 (Wh)
$13.95 ea.

Golden Eagle
CL-126 - 2-1/2" h x 13-5/8" w
P/N 09-43989 (Blk)
P/N 09-43990 (Wh)
$13.95 ea.

421 Golden Eagle
CL-299L&R - 1-5/8" h x 24" w
P/N 09-43992 (Blk)
P/N 09-43994 (Gd)
$13.95 ea.

Christen Husky
CH-060 - 3/4" h x 7-1/4" w
P/N 09-43997 (Blk)
P/N 09-43998 (Wh)
$12.95 ea.

CURTISS
CR-031 - 6-3/8" h x 12" w
P/N 09-44001 (Wh)
(up to 15" w)
$19.95 ea.

EXTRA 200
ET-001 - 1-3/4" h x 15-1/2" w
P/N 09-44002 (Blk)
P/N 09-44003 (Wh)
$14.95 ea.

EXTRA 300
ET-002 - 1-3/4" h x 15-1/2" w
P/N 09-44004 (Blk)
P/N 09-44006 (Wh)
$16.95 ea.

Junko
FU-002 - 4-3/4" h x 16-1/2" w
P/N 09-44007 (Blk)
P/N 09-44008 (Wh)
$17.95 ea.

GL-002L&R - 4-1/2" h x 15" w
(Flat Color on Tail)
P/N 09-44009
$39.95 ea.

GULFSTREAM
GL-016 - 3/4" h x 5-1/2" w
P/N 09-44011 (Blk)
$11.95 ea.

DAKOTA
PL-019 - 1/8" h x 9-1/2" w
P/N 09-44043 (Blk)
$11.95 ea.

LEARJET
LE-001 - 3-1/8" h x 10-1/4" w
P/N 09-44013 (Blk)
P/N 09-44014 (Wh)
$13.95 ea.

MEYERS 200
MR-001 - 1" h x 5-1/2" w
P/N 09-44016 (Blk)
P/N 09-44017 (Wh)
$15.60 ea.

MOONEY 201
ML-053L&R - 1-1/2" h x 9" w
P/N 09-44018 (Blk)
P/N 09-44019 (Wh)
$25.90 ea.

Mooney Ranger
ML-037 - 1-1/4" h x 8-3/4" w
(Black, White or Opt. Wing Tip)
P/N 09-44021 (Blk)
P/N 09-44022 (Wh)
$16.70 ea.

Turbo Mooney 201
ML-017 - 1-3/4" h x 18" w
P/N 09-44023 (Blk)
$18.95 ea.

Tls
ML-012 - 1-1/2" h x 4-1/4" w
P/N 09-44026 (Blk)
P/N 09-44027 (Wh)
$14.95 ea.

Ryan Avion
NL-004 - 3-1/4" h x 12" w
P/N 09-44028 (Blk)
P/N 09-44029 (Wh)
$19.95 ea.

PL-128 - 2-1/4" h x 18-1/2" w
P/N 09-44031 (Blk)
P/N 09-44032 (Wh)
$15.95 ea.

LANE II
LP-248 - 1-1/2" h x 10" w
P/N 09-44033
$12.95 ea.

LANCE
LP-073 - 1-5/8" h x 14-1/4" w
P/N 09-44036 (Blk)
P/N 09-44037 (Wh)
$12.95 ea.

APACHE
LP-116 - 2-3/8" h x 10-7/8" w
P/N 09-44038 (Blk)
P/N 09-44039 (Wh)
$12.95 ea.

aztec
LP-058 - 1-3/4" h x 3-1/2" w
P/N 09-44041 (Blk)
P/N 09-44042 (Wh)
$13.95 ea.

APACHE
LP-038 - 2-1/4" h x 12" w
P/N 09-44072 (Blk)
$11.95 ea.

Diamond
LP-139 - 3-3/4" h x 19" w
P/N 09-44076 (Wh)
$14.95 ea.

Coyote
LP-057 - 3-1/4" h x 25-1/4" w
P/N 09-44103 (Blk)
$13.95 ea.

Barracuda
HP-104 - 5-1/2" h x 28" w
P/N 09-44097 (Multi-color)
$29.95 ea.

RANS S7
HP-057 - 3-1/4" h x 25-1/4" w
P/N 09-44103 (Blk)
$13.95 ea.

RANS S10
HP-058 - 3-3/4" h x 19" w
P/N 09-44076 (Wh)
$14.95 ea.

RANS S7
HP-057 - 3-1/4" h x 25-1/4" w
P/N 09-44103 (Blk)
$13.95 ea.

RANS S10
HP-056 - 3" h x 3-1/2" w
P/N 09-44133 (Rd)
P/N 09-44134 (Wh)
$10.00 ea.

RV-4
HB-124 - 1/2" h x 16-1/2" w
P/N 09-44077 (Blk)
P/N 09-44078 (Wh)
$19.95 ea.

RV-6
HB-097L&R - 5-1/4" h x 13" w
P/N 09-44108 (Blk)
P/N 09-44109 (Wh)
$25.95 ea.

RV-8
HB-096L&R - 5-1/4" h x 13" w
P/N 09-44111 (Blk)
P/N 09-44112 (Wh)
$12.95 ea.

Starlet
HB-015 - 3-1/4" h x 11-1/2" w
P/N 09-44113 (Blk)
$11.95 ea.

Haw-G-fold
HB-016 - 2" h x 12" w
P/N 09-44116 (Blk)
$11.95 ea.

Haw-G-fold
HB-035 - 1-1/4" h x 6-7/8" w
P/N 09-44118 (Blk)
$9.95 ea.

ZENAIR
HB-067 - 1-1/4" h x 8-1/2" w
P/N 09-44121 (Blk)
P/N 09-44122 (Wh)
$9.95 ea.

Robertson/Stol
MS-070 - 2-1/2" h x 20" w
P/N 09-44126 (Blk)
$12.95 ea.

MS-050 - 3-1/2" h x 3-1/2" w
P/N 09-44128 (Blk)
$19.95 ea.

MS-061 - 3" h x 3-1/2" w
P/N 09-44131
$10.95 ea.

White lettering on red.

AM
MS-061 - 3-1/2" h x 3-1/2" w
P/N 09-44133 (Rd)
P/N 09-44134 (Wh)
$10.00 ea.
LOGO DECALS

AMERICAN FLAG DECALS
Sold in Pairs Only

STRAIGHT
P/N 09-429--

SLANTED
P/N 09-430--

WAVY
P/N 09-431--

HGT. STRAIGHT SLANTED WAVY
WIDTH PRICE WIDTH PRICE WIDTH PRICE
4" 7-1/2" $19.90 7-1/2" $19.90 4" $9.50
6" 10-1/4" $26.50 10-1/4" $26.50 6" $14.95
8" 13-1/4" $33.00 13-1/2" $33.00 8" $20.50
10" 16-1/4" $39.50 16-1/2" $39.50 10" $26.95
12" 20-1/2" $45.50 20-3/4" $45.50 12" $32.50

Please order by part number. Use basic part number at top of chart, and complete part number with height of decal. Example: Wavy flag, 8” high is P/N 09-43108. Prices per pair (left & Right).

STARS & BARS

1943 Between 29 June and 14 August, the official national insignia incorporated white sidewalls and an overall red surrounding.

1943-1947 The red surround of the official insignia was quickly changed to a blue surround. During its 4 years use this insignia appeared on more aircraft than all its predecessors combined.

1947-Present With the reorganization of the Defense Department and the creation of the USAF, red bars were added to the official national insignia. A variation of this insignia appears officially without the blue surround on F-15 aircraft.

P/N 09-432-- STYLE 1A STYLE 1B

P/N 09-433-- STYLE 4A STYLE 4B

P/N 09-434--

PRICING

SIZE Style 1 Style 2 Style 3 Style 4A Style 4B
10" $65.00 $45.50 $49.95 $36.50 $25.00
15" $72.25 $52.50 $58.50 $42.50 $34.20
20" $87.50 $62.50 $69.75 $52.50 $45.00
25" $99.75 $74.50 $82.50 $64.50 $62.50
30" $120.50 $93.50 $115.95 $83.50 $75.50
35" $175.50 $149.50 $153.75 $129.50 $110.80

Please order by part number. Use basic part number under each style number and complete part number with size of decal. Example: Style 3 decal in 25” size is P/N 09-43425

LOGO DECALS

P/N 09-42810 $5.95 pr.
P/N 09-42812 $5.95 pr.
P/N 09-42834 $5.95 pr.
P/N 09-42836 $5.95 pr.
P/N 09-42838 $5.95 pr.
P/N 09-42840 $5.95 pr.
P/N 09-33800 $8.50
P/N 09-33900 $10.95
P/N 09-34000 $8.50
P/N 09-34100 $8.60

PROPELLER DECALS
Sold in Pairs Only

AIRCRAFT SPRUCE WEST
CORONA, CA • (877) 4-SPRUCED

AIRCRAFT SPRUCE EAST
PEACHTREE CITY, GA • (877) 477-7823

Prices Subject to Change Without Notice
U.S. Flag Decals

Proudly display the Red, White, & Blue. Colorful vinyl pressure-sensitive U.S. Flag decals in right & left hand pattern.

2.5" x 4"............. P/N 09-40400...........$3.95
4" x 6.5"............. P/N 09-35400...........$7.85
6" x 10.5"............. P/N 09-35500...........$11.95

Aircraft Spruce Logo Decals

These royal blue on white self-adhesive oval shaped decals of the Aircraft Spruce & Specialty Company logo look great on your airplane, bumper, reference books, etc. Available in 3 sizes.

4" wide..............P/N 09-40400...........FREE
8" wide..............P/N 09-40410...........FREE
18" wide..............P/N 09-40420...........FREE

Aircraft Spruce Patch

This is an embroidered patch, oval in shape, and approximately 3-1/2". Colors are Red/White/Blue. P/N 13-02703...........$3.50

Checklist Placards

For all your checklist needs. Available in fixed or variable propeller. Use with vinyl lettering or color decals.

Fixed gear, Fixed prop
P/N 09-42816.............$3.95

Fixed gear, Variable prop
P/N 09-42818.............$3.95

Retractable gear, variable prop
P/N 09-42820.............$3.95

Flight Plan Sequence
09-42822...............$3.35

VFR Minimums
09-42824...............$3.75

Emergency
09-42826.............$2.75

Transponder Codes
09-42828.............$2.50

Institutional Use Only Placard

Used on Part 103 exempted 2-seat ultralights. Available in pre-spaced vinyl lettering in your choice of colors. Size: 3" x 10"

Vinyl Lettering........P/N 09-43901...........$2.50

Caution Hot Exhaust

Black & red on white decal. Measures 1.5" x 4". A must where muffler can be accidentally touched or brushed up against during aircraft servicing or entry.

P/N 09-43902..................$3.65

Open Arrows

Custom computer cut decals to indicate operation of door handles. Specify arrow CW or arrow CCW. Arrow and "OPEN" can be separated and individually positioned. Color: Red. Call for quote on custom size and colors. Standard size: 2" x 3-1/2".

Open Clockwise........P/N 09-43903...........$3.65
Open Counter clockwise......P/N 09-43904...........$3.65
Custom Color.............add $1.00
Close Clockwise........P/N 09-03866...........$3.65

Solo From Front Seat Only

P/N 09-43905.............$2.75

Solo From Rear Seat Only

P/N 09-43906.............$2.75

Recommended Airspeeds

Black on white vinyl. May be written on with a fine point indelible marker. Provides space for all your most important airspeeds. Size: 3.5" x 4.5"

P/N 09-43908..................$2.65

Window Placard

Black on white vinyl. Specify left arrow or right arrow. Size: 3/4" x 1".

Left ...............P/N 09-43909...........$1.95
Right ..............P/N 09-43911...........$1.95

Static Air Vent

Keep Clean

P/N 09-43912..........................$1.95

Canopy Release

Do not open in flight unless you are leaving.

P/N 09-43913...........$2.65

OIL INJECTION

Check Oil Res.

Before Flight

2-Cycle oil only

P/N 09-43916..................$1.95

Drain All Fuel Sumps Before First Flight

P/N 09-00348..................$4.50

Fuel Drain Locator

Black on white vinyl. Used to locate fuel drain petcock on aircraft. U-V & Fuel resistant. Size: 1/2" x 2".

P/N 09-43917..................$1.95

Fire Extinguisher

Black & Red on white vinyl. Used to locate extinguisher in emergency.

Size: 2" x 3.5".

P/N 09-43918..................$3.65

Ballistic Chute

Black & Red on white vinyl. Used to locate Ballistic Chute handle in emergency.

Size: 2" x 3.5".

P/N 09-43919..................$3.65

No Step Decal

- No Step, 1"x5" Decal-black letters

P/N 1040..........................$2.25

No Lift Decal

- No Lift Decal. Color: Black on White. Size: 1/2" x 2-1/2".

P/N 104212..................$1.35

Aircraft Spruce West

Corona, CA • (877) 4-SPRUCE

Aircraft Spruce East

Peachtree City, GA • (877) 477-7823

Prices Subject to Change Without Notice

471
FUEL PLACARDS

80 Octane-half red/blue, round
P/N 09-42804 $4.85 ea.
100 Octane, Low Lead Only Blue
P/N 09-42806 $4.50 ea.
100 Octane Only
P/N 09-42808 $4.65 ea.

USE 100/130 OCTANE FUEL ONLY

09-42810 $4.50 ea.

Yellow on Black. Size: 1-1/4"x5"
P/N 09-01141 $3.65/pair

AVGAS ONLY

GRADE 100
CAPACITY US GAL

09-42801 $8.95 pr.

AVGAS ONLY

GRADE 100

09-42802 $4.50 ea.

09-42803 $4.75 ea.

AVGAS ONLY

GRADE 100LL

09-42814 $4.50 ea.

ROADWAY OCT. MIN.
STC AUTO GAB

09-42809 $0.65 ea.
or 10 for $4.88

80/87 OCT. MIN.
STC AUTO GAB

09-42811 $4.50 ea.

CAUTION DO NOT INSERT
FUEL NOZZLES MORE
1-1/2" INTO TANK

09-42608 $4.50 ea

WARNING ONLY THE PILOT OF THIS
AIRCRAFT IS PERMITTED TO
OPEN - CLOSE - LOCK

09-42604 $4.50 ea

PLACARDS

EXTERIOR POWER
12 VOLT DC

1-1/4" x 5-1/4"
09-42813 $4.50 ea

EXTERIOR POWER
24 VOLT DC

1-5/16" x 2-11/16"
09-42827 $2.50 ea

1-5/16" x 2-11/16"
09-42829 $2.50 ea

FUEL OCTANE DECALS

MIN. FUEL OCT.
80/87

100/130

Handsome vinyl placards have brilliant red lettering on a white background. Simply remove paper backing and apply.
Size: 1" x 2-7/8".
80/87 red on white P/N 09-33610 $1.85 pr.
100/130 green on white P/N 09-33615 $1.85 pr.
100/130 red on white P/N 09-33700 $1.85 pr.
100/130 red on white P/N 09-33710 $1.85 pr.

GEAR DOWN BEFORE LANDING DECAL

Gear up landing incidents still occur everyday in all categories of aviation. The most important item on a retractable airplane’s before landing checklist may be the “GEAR DOWN BEFORE LANDING” item.
By placing this simple, non adhesive transparent “GEAR DOWN” decal within view of the pilot, you can insure a higher level of awareness and safety during your approach and landing phase of flight. 4-3/4" x 1-3/4".
Color: Red & Black print on clear.
P/N 13-12967 $8.95

AVGAS ONLY PLACARD

Measures 1.25" x 3.75" P/N 14-00037 $2.70

CAUTION USE 80/87 AVGAS PLACARD

Measures 1.25" x 3.75" P/N 14-00034 $2.95

CAUTION USE 100LL AVGAS PLACARD

Measures 1.25" x 3.75" P/N 14-00038 $2.95

CAUTION USE 100/130 AVGAS PLACARD

Measures 1.25" x 3.75" P/N 14-00033 $2.95

AIRCRAFT STC UNLEADED AUTO FUEL PLACARD

Measures 1.25" x 3.75" P/N 14-00032 $2.95

JET FUEL ONLY PLACARD

Measures 1.25" x 3.75" P/N 14-00036 $2.95

CAUTION DO NOT FILL AUX TANK PLACARD

Measures 1.25" x 3.75" P/N 14-00706 $2.99

NO SMOKING PLACARD

Measures 1.25" x 3.75" P/N 14-00039 $2.95

ZERO FUEL WEIGHT PLACARD

Measures 1.25" x 3.75" P/N 14-00704 $2.70

WARNING ONLY THE PILOT PLACARD

Measures 1.25" x 3.75" P/N 14-00705 $2.95

FASTEN SEATBELT PLACARD

Measures 1.25" x 3.75" P/N 14-00040 $2.70

SPINS PROHIBITED

Measures 1" x 3" P/N 15-06666 $1.67

Prices Subject to Change Without Notice
**DECALS - PLACARDS**

**NAMEPLATE**
All amateur-built aircraft must have a nameplate. Each or stamp required data on this indestructible stainless steel nameplate. Conforms to FAA requirements. Size: 3” x 4-1/4”. Engraving is not included or offered. P/N 09-01997 ..................... $8.75ea

**STAINLESS STEEL ID TAG**
Suitable for all aircraft. Made of .015 acid-etched stainless steel. Size: 3” x 2”. P/N 09-00761 ...................... $3.35ea

**EXPERIMENTAL**
Single-piece decal with adhesive back. No need to line up 12 individual letters. One-step operation. Just remove protective backing and apply to any clean surface. 2” black letters on clear Mylar base. Decal Size: 2-1/4” x 19”. Set of 2 ................. P/N 09-33400 ............... $4.95

**LIGHT-SPORT DECALS**
- Similar to our EXPERIMENTAL Decals, complies with marking requirements for LSA. Available in: 2”x14-1/4”
  - Black on Clear .................. P/N 09-00762 .................. $2.25
  - Black on White .................. P/N 09-00782 .................. $2.25
  - White on Clear .................. P/N 09-00783 .................. $2.25
- Bright red on white vinyl. Letters are 1” high. Decal size: 1-3/8” x 4-3/8”. P/N 09-33500 .................. $1.25ea

**NO STEP**
1”x5” Decal-black letters. P/N 1040................................. $2.25

**PANEL MARKING SETS**
- ACTUAL TYPE SIZES:
  - THROTTLE
- DRY TRANSFER TYPE
  - Over 200 pressure sensitive labels and words conveniently grouped for ease of transfer to airplane controls or instrument panel. Available in two type sizes (see illustration) and in black or white lettering (specify).
  - Large Black ..................... P/N 09-34600
  - Small Black ..................... P/N 09-34800
  - Large White ..................... P/N 09-34700
  - Small White ..................... P/N 09-34900
  - $9.75 Set

**SELF-ADHESIVE VINYL TYPE**
White lettering on black background. Just cut, peel and press in place. Includes 349 of the most commonly used cockpit identifications and symbols (avionics, electrical, engine and aircraft controls) plus 248 numbers & letters. The most complete selection available. P/N 09-35000 .................. $4.75 Set

**HOMEBUILDERS TYPE**
Self-adhesive vinyl markings for the Long-EZ but applicable to many other aircraft. P/N 01-37800 .................. $2.85 Set

**EXPERIMENTAL ONLY**
- Aircraft ID plate factory built made of aluminum. Not FAA Approved. Engraving included. When ordering please provide: Make, Model, S/N, N# for factory built aircraft only. P/N 09-00447 .................. $13.95

**FACTORY BUILT**
- Aircraft ID plate factory built made of aluminum. Not FAA Approved. Engraving included. When ordering please provide: Make, Model, S/N, N# for factory built aircraft only. P/N 09-40000 .................. $13.95

**SOFT ALUMINUM DECALS**
- Soft Aluminum Decals Letters are 1-1/4”H X 3-3/4”L with black lettering. P/N 09-34200 .................. $1.95
  - P/N 09-34400 .................. $1.50

**DECA L AEROBATICS PROHIBITED**
Decal All Aerobatic Maneuvers Including Spins Prohibited. P/N CPAAMP .................. $1.50

**PASSENGER WARNING DECALS**
These Passenger Warnings must be displayed in the cockpit of all amateur-built aircraft. The dry transfer passenger warning placards available in black, white lettering. Simply remove the protective backing and rub on the desired area.

**PASSENGER WARNING PLACARDS**
The vinyl placard has brilliant red lettering on a white background. Simply remove the paper backing and apply.

**AIRCRAFT IDENTIFICATION DATA PLATES**
- FACTORY BUILT - Aircraft ID plate factory built made of aluminum. Not FAA Approved. Engraving included. When ordering please provide: Make, Model, S/N, N# for factory built aircraft only. P/N 09-00447 .................. $13.95

**Prices Subject to Change Without Notice**
**PLACARDS – STENCILS – VINYL LETTERS**

**12-INCH STENCIL NUMBER STRIP**
Highly recommended as the easiest and most effective way to apply painted 12” stenciled “N” numbers on any aircraft. These come pre-spaced and aligned horizontally or vertically and assure a professional looking job. Shipped factory-direct to you within 48 hours. Provide exact “N” number when ordering. Special order – Non-returnable. Specify horizontal or vertical. 6 Characters on each strip or less. Made of vinyl.

12" Strip (straight) (right/left) P/N 09-000287 $56.95 set
12" Strip (slanted) (right/left) P/N 09-000288 $56.95 set

**3-INCH STENCIL STRIP**
Vertical or horizontal lettering individually spaced and aligned. Advise number. Stencils will be made-to-order and shipped in about two weeks.

Straight Set of 2 (Right/Left) P/N 09-000289 $13.50 set
Slanted Set of 2 (Right/Left) P/N 09-000290 $13.50 set

**INDIVIDUAL FIGURE STENCILS**

<table>
<thead>
<tr>
<th>N4804K</th>
<th>N2510T</th>
<th>N6979N</th>
<th>N425WT</th>
<th>N100MD</th>
<th>N51ER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precut sticky paper masks for spraying registration numbers. Used by Piper and other aircraft manufacturers. Order two of each character for vertical stencils. Slanted stencils are furnished in pairs (R/L), so order individually spaced and aligned. For last digit, put in number or letter needed. $1.25 ea.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**LETTERING & NUMBERS**
For any use. Available in over 40 type styles. Most colors available.

<table>
<thead>
<tr>
<th>Cap Size</th>
<th>In Stock Colors</th>
<th>Slanted or Reversed</th>
<th>Reflective &amp; Metallic</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>40</td>
<td>40</td>
<td>N/A</td>
</tr>
<tr>
<td>1/2</td>
<td>75</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>1-1/2</td>
<td>1.00</td>
<td>1.05</td>
<td>1.05</td>
</tr>
<tr>
<td>2-1/2</td>
<td>1.00</td>
<td>1.05</td>
<td>1.05</td>
</tr>
<tr>
<td>3</td>
<td>1.35</td>
<td>1.40</td>
<td>1.40</td>
</tr>
<tr>
<td>4</td>
<td>1.35</td>
<td>1.40</td>
<td>1.40</td>
</tr>
<tr>
<td>4-1/2</td>
<td>1.50</td>
<td>1.55</td>
<td>1.55</td>
</tr>
<tr>
<td>5</td>
<td>1.40</td>
<td>1.55</td>
<td>1.55</td>
</tr>
<tr>
<td>6</td>
<td>1.80</td>
<td>1.85</td>
<td>1.85</td>
</tr>
<tr>
<td>7</td>
<td>2.25</td>
<td>2.30</td>
<td>2.30</td>
</tr>
<tr>
<td>8</td>
<td>2.50</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>9</td>
<td>4.00</td>
<td>4.50</td>
<td>4.50</td>
</tr>
<tr>
<td>10</td>
<td>5.00</td>
<td>5.50</td>
<td>5.50</td>
</tr>
<tr>
<td>12</td>
<td>6.75</td>
<td>7.05</td>
<td>7.05</td>
</tr>
</tbody>
</table>

*Numbers excluded

$10.25/letter

**3-INCH VINYL INDIVIDUAL NUMBERS & LETTERS**

Note: Full N number strips are available. Individual numbers and letters will not align isometrically. Vinyl strip or stencil strip is recommended.

**3" VINYL NUMBER STRIP**


**TRACE-IT STENCIL SETS**
Allows for stenciling of every letter and number. NOTE: Illustration is portrayal of item you actually receive - each kit contains 3", 12" and 24" sizes.

P/N 09-42831 $43.75

**12-INCH VINYL N NUMBER STRIP**
The fastest and easiest way to apply registration numbers. These numbers come pre-spaced and aligned and are ready to apply in one simple operation. These are top quality numbers which are shipped factory direct to you. Provide exact “N” number when ordering. 6 Characters max. on each) Colors choices are black, white, red, blue, or gold. Standard type style is helvetica. Military block, drop shadow, or outline styles are also available. Please specify your N number, color, orientation, and print style in the special instructions of the online order form. Colors Available: * Black * White * Tomato Red (Light Red) * Cardinal Red (Dark Red) * Olympic Blue (Sky Blue) * Bright Blue * Sapphire Blue * Light Navy * Metallic Gold * Metallic Silver * Green * Brown

Note: Drop Shadow style is double the cost due to it being two colors. Straight 12” Strip (6 Characters max. on each) P/N 09-41910 $56.95 pair

Slanted 12” Strip (6 Characters max. on each) P/N 09-41912 $56.95 pair

Slanted 12” Drop Shadow Strip (6 characters max. on each) P/N 09-03434 $112.95 pair

**PLACARDS – STENCILS – VINYL LETTERS**

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price Each</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; x 18&quot;</td>
<td>09-32400</td>
<td>$5.95</td>
</tr>
<tr>
<td>2&quot; x 4-3/4&quot;</td>
<td>09-32500</td>
<td>$4.65</td>
</tr>
<tr>
<td>3&quot; x 5-1/2&quot;</td>
<td>09-32600</td>
<td>$7.25</td>
</tr>
<tr>
<td>3&quot; x 4-3/4&quot;</td>
<td>09-32700</td>
<td>$4.25</td>
</tr>
</tbody>
</table>

**PLACARDS – STENCILS – VINYL LETTERS**

Prices Subject to Change Without Notice
INTERIOR PLACARD KITS

These quality decal sets are designed to provide all the necessary placards for the interior of various production and homebuilt aircraft. Just cut the decals you want to use from the card and apply to the aircraft interior.

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>P/N</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>AVIONICS</td>
<td>09-00981</td>
<td>$13.75</td>
</tr>
<tr>
<td>BEECHCRAFT</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MUSKATEER 19, 23</td>
<td>13-03954</td>
<td>$56.25</td>
</tr>
<tr>
<td>24, 24R, SIERRA</td>
<td>13-03950</td>
<td>$56.25</td>
</tr>
<tr>
<td>33, 35, 36 SERIES</td>
<td>13-03951</td>
<td>$104.95</td>
</tr>
<tr>
<td>TWIN BONANZA</td>
<td>13-03953</td>
<td>$104.95</td>
</tr>
<tr>
<td>BELLANCA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CITABRIA/DECATHLON</td>
<td>13-03949</td>
<td>$54.25</td>
</tr>
<tr>
<td>CESSNA</td>
<td>120/140/150/152</td>
<td>$48.50</td>
</tr>
<tr>
<td></td>
<td>170/172/175</td>
<td>$48.50</td>
</tr>
<tr>
<td></td>
<td>177/177RG</td>
<td>$54.75</td>
</tr>
<tr>
<td></td>
<td>180/182/18S</td>
<td>$49.75</td>
</tr>
<tr>
<td></td>
<td>190/19S</td>
<td>$50.00</td>
</tr>
<tr>
<td></td>
<td>205/206/207</td>
<td>$80.75</td>
</tr>
<tr>
<td></td>
<td>210/210T</td>
<td>$79.25</td>
</tr>
<tr>
<td></td>
<td>310 H-M</td>
<td>$133.95</td>
</tr>
<tr>
<td></td>
<td>310 P-O</td>
<td>$113.95</td>
</tr>
<tr>
<td></td>
<td>310 -D</td>
<td>$113.95</td>
</tr>
<tr>
<td></td>
<td>336/337</td>
<td>$23.65</td>
</tr>
<tr>
<td></td>
<td>ERCOUPE</td>
<td>$84.50</td>
</tr>
<tr>
<td></td>
<td>GROB</td>
<td>$41.70</td>
</tr>
<tr>
<td></td>
<td>SEAPLANE</td>
<td>$133.95</td>
</tr>
<tr>
<td></td>
<td>GRUMMAN</td>
<td>$133.95</td>
</tr>
<tr>
<td></td>
<td>AA1/AA1A</td>
<td>$41.75</td>
</tr>
<tr>
<td></td>
<td>AAS/AASA, AASB</td>
<td>$58.75</td>
</tr>
<tr>
<td></td>
<td>COUGAR</td>
<td>$133.95</td>
</tr>
<tr>
<td></td>
<td>BARON</td>
<td>$125.00</td>
</tr>
<tr>
<td></td>
<td>PIPER</td>
<td>$32.95</td>
</tr>
<tr>
<td></td>
<td>PA-18 SUPER CUB</td>
<td>$32.95</td>
</tr>
<tr>
<td></td>
<td>PA-23 AZTEC SERIES</td>
<td>$82.25</td>
</tr>
<tr>
<td></td>
<td>PA-24 COMANCHE</td>
<td>$54.25</td>
</tr>
<tr>
<td></td>
<td>PA-24 140-181 CHEROKEE</td>
<td>$53.95</td>
</tr>
<tr>
<td></td>
<td>PA-28 235-236</td>
<td>$53.95</td>
</tr>
<tr>
<td></td>
<td>PA-28 R ARROW SERIES</td>
<td>$54.25</td>
</tr>
<tr>
<td></td>
<td>PA-30 TWIN COMANCHE</td>
<td>$69.95</td>
</tr>
<tr>
<td></td>
<td>PA-32 CHEROKEE-LANCE</td>
<td>$54.25</td>
</tr>
<tr>
<td></td>
<td>SARATOGA</td>
<td>$28.95</td>
</tr>
<tr>
<td></td>
<td>PA-38 112 TOMAHAWK</td>
<td>$28.95</td>
</tr>
<tr>
<td></td>
<td>PA-44 SEMINOLE SERIES</td>
<td>$79.25</td>
</tr>
<tr>
<td></td>
<td>TH-PACER</td>
<td>$29.95</td>
</tr>
<tr>
<td></td>
<td>WESTWIND</td>
<td>$208.95</td>
</tr>
<tr>
<td></td>
<td>UNIVERSAL INTERIOR</td>
<td>$8.95</td>
</tr>
</tbody>
</table>

EXTERIOR PLACARD KITS

Die cut decal kits are available on request. Call for quotation.