SPRUCE SPARS – CAPSTRIP – STRINGERS

GENERAL ORDERING INFORMATION

Aircraft spruce spars are available either S2S (surfaced 2 sides, top & bottom, with rough edges in 4" & 6" nominal width) or S4S (surfaced all 4 sides to thickness & width). Prices in table below are for S4S spars. If S2S is desired so builder can trim to exact width, specify S2S and use 4" or 6" width prices from table. Request quote on spar widths wider than 6”. Spars for certificated aircraft such as Aerocraft, Staerma, Taylorcraft and Piper are available and may be priced from the table. Since many of these early aircraft were “handmade”, the spars are often not uniform in size for a particular model. Therefore, the finished net dimensions should be specified when ordering replacement spars. Please price to nearest fraction.

Thousands of feet of S2S aircraft quality spruce are stocked in our Corona, CA. and Peachtree City, GA. warehouses. Orders for spars, spruce kits and capstrip can usually be shipped within three weeks after receipt of order. Spars wider than 6” must be milled from 8” specially selected stock which requires a long and indefinite lead time. Prices on request.

When ordering either spars or capstrip, designate the thickness first, then the width and length.

Examples: 3/4”T x 4-1/4”W x 14’L spar; 1/4”T x 1/2”W x 5’L capstrip.

Faster delivery can be assured if guidelines regarding minimum acceptable lengths are provided. Orders are often delayed awaiting delivery of lumber to the even footage specified whereas shipment could be made if the minimum usable lengths were indicated. Example: 3/4” nominal 6” x 12” (151-1/2’ min.).

Spruce and tubing kits may be combined with plywood and other building supplies for a single truck delivery charge.

BARGAIN BAG OF SPRUCE

Assortment of at least ten pieces, in random lengths from 1 ft. to 5 ft., of rough, S2S or S4S remnants and cutoffs. A usable selection is assured. Approx. wt. 20 lbs. P/N 02-03600 .......................................................... $37.50

METRIC SIZES - Spruce can be cut to metric sizes upon request only as special order, non cancelable and non refundable.

Using our current part numbers please select one size greater than desired and at check out in "Special Instructions" advise exact metric dimensions needed.

SPRUCE SPAR STOCK—MIL SPEC. MIL-S-6073

PRICE PER LINEAL FOOT*

<table>
<thead>
<tr>
<th>THICKNESS (Inches)</th>
<th>WIDTH (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2-3/4</td>
</tr>
<tr>
<td>1/8</td>
<td>$10.50</td>
</tr>
<tr>
<td>3/16</td>
<td>$10.50</td>
</tr>
<tr>
<td>1/4</td>
<td>$10.50</td>
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<td>5/16</td>
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<td>3/8</td>
<td>$21.50</td>
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<tr>
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<td>11/16</td>
<td>$21.50</td>
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<tr>
<td>3/4</td>
<td>$26.60</td>
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<tr>
<td>1</td>
<td>$26.65</td>
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<tr>
<td>1-1/4</td>
<td>$32.50</td>
</tr>
<tr>
<td>1-1/2</td>
<td>$32.50</td>
</tr>
<tr>
<td>1</td>
<td>$31.90</td>
</tr>
</tbody>
</table>

* Please order by part number and also state exact thickness, width and length to verify part number. Spruce part numbers begin with “02” and finish with thickness and width. Examples: 3/4”T x 5-1/4”W is P/N 02-1438. Capstrip is furnished in lengths as specified by customer.

FOR SPARS 6-1/4” TO 9” WIDE, SEE OUR WEBSITE AT WWW.AIRCRAFTSPRUCE.COM

FINISHED CAPSTRIP, LONGERONS, STRINGERS

PRICE PER LINEAL FOOT*

<table>
<thead>
<tr>
<th>THICKNESS (Inches)</th>
<th>WIDTH (Inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16</td>
<td>$0.56</td>
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<tr>
<td>3/8</td>
<td>$0.56</td>
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<tr>
<td>1/2</td>
<td>$1.79</td>
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<td>3/4</td>
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<tr>
<td>7/8</td>
<td>$4.35</td>
</tr>
<tr>
<td>1</td>
<td>$6.50</td>
</tr>
</tbody>
</table>

* Please order by part number and also state exact thickness, width and length to verify part number. Spruce part numbers begin with “02” and finish with thickness and width. Examples: 3/4”T x 5-1/4”W is P/N 02-34514, 1-1/4”T x 6”w is P/N 02-1146. Provide part number and footage required of each size. Specify any particular lengths required. Thicker & wider sizes subject to availability. Request quotation.

WWW.AIRCRAFTSPRUCE.COM
COMPLETE SPRUCE KITS

- Acro Sport
- Acro Sport II
- Baby Great Lakes
- Bobcat
- Christavia MK 1
- Christavia MK 4
- Corby Starlet CJ-1 (less spars)
- Cvjetkovic CA-65
- Cygnet
- EAA Bi-Plane (Original Wing)
- EAA Bi-Plane (P-Wing)
- Baby Sport Kit
- GN-1 Aircamper
- GP-4
- Hatz Bi-Plane
- Kelly-D
- Mitchell B-10
- Original Pietenpol Aircamper
- Pitts Special (Basic) M-6 or S-1D
- Pober Pixie (spruce & plywood)
- Rand KR-1
- Rand KR-2
- Rand KR-2S
- Skybolt
- Smith Miniplane
- VP-1
- VP-2
- Volmer Sportsman VJ-22 (less wings)
- War Aircraft Corsair
- War Aircraft P-47
- War Aircraft FW-190
- War Aircraft Sea Fury
- Wittman Tailwind
- Wittman “V”

SPAR KITS

- Acro Sport
- Acro Sport II
- Baby Great Lakes
- Bakeng Ducer
- Barracuda
- Bowers Fly Baby (Spars)
- Bowers Complete Wing Kit
- Christavia MK 4
- Corby Starlet (Two Piece Wing Spar Kit)
- Cvjetkovic CA-65
- EAA Bi-Plane (Original Wing)
- EAA Bi-Plane (P-Wing)
- Hatz Bi-Plane
- Kelly-D
- Marquart Charger
- Pitts Special M-6 or S-1D

**One Design** See Page 15 for Kits

- Sauser PE
- Skybolt
- Smith Miniplane
- Stolp Starduster Single Place
- Stolp Starduster “Too”
- Starlet
- Wittman Tailwind
- Wittman “V”

TYPICAL WEIGHTS OF SPRUCE KITS

- EAA Bi-Plane Complete Kit
- Pitts Special Complete Kit
- Pitts Special Spar Kit Only
- Miniplane Complete Kit
- Fly Baby Complete Kit
- KR-1 Complete Kit

**Note:** Our spruce kits are produced from materials lists which are believed to be accurate. However, since designers may modify certain dimensions after the original plans are released, we urge the builder to verify sizes and current price before ordering.

**SPRUCE KITS FOR UNLISTED DESIGNS CAN BE FURNISHED IF A MATERIALS LIST IS SUBMITTED.**

**TYPICAL WEIGHTS OF SPRUCE KITS**

- EAA Bi-Plane Complete Kit
- Pitts Special Complete Kit
- Pitts Special Spar Kit Only
- Miniplane Complete Kit
- Fly Baby Complete Kit
- KR-1 Complete Kit

**ACTUAL SIZES OF BOARDS CAN VARY**

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**SPRUCE KITS – BALSA – NAILS**

**TRIANGULAR CORNER BLOCKING**

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price Per Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot;</td>
<td>02-17600</td>
<td>$0.92</td>
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<td>02-17700</td>
<td>$1.19</td>
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<tr>
<td>3/8&quot;</td>
<td>02-17800</td>
<td>$0.77</td>
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<tr>
<td>7/16&quot;</td>
<td>02-17900</td>
<td>$1.27</td>
</tr>
</tbody>
</table>

**“T” STRINGER STOCK**

Standard Spruce stringer material finished to the dimensions illustrated. Lengths over 8 feet require truck shipment. Lengths to 8 feet.

Cost: P/N 02-18400 $1.65/ft.

Add 20% for lengths over 8 feet.

**BALSA WOOD**

Balsa is the lightest commercial wood in the world, weighing less than 10 lbs./cu.ft. Pound for pound, it is one of the strongest - both its stiffness and bending strength exceed White Spruce, Western Yellow Pine, Douglas Fir, White Oak and many other commercially used woods. It is easily cut, turned, carved, shaped, glued, sanded and finished, all with ordinary wood working tools and techniques. It can be shaped with abrasive wheels either wet or dry. It can be cut into extremely thin veneers. Almost any kind of coating will adhere to it. Meets specifications MIL-B-2747 and MIL-S-7998.

Furnished as 2” thick boards, 3 ft. long from 3”-6” wide. Material which may be glued together by the builder to make the required size pieces. 2” x 2” x 3 ft. Pcs.

Cost: P/N 02-00246 $22.50/ea.
DOMESTIC MIL-P-6070 AIRCRAFT PLYWOOD

American-made structural aircraft-grade plywood is made of imported African Mahogany or American Birch veneers laminated in a hot press to hardwood cores of Poplar or Basswood with waterproof glue. Will meet all requirements of specification MIL-P-6070, which calls for shear testing after immersion in boiling water for 3 hours. Far superior to many plywood in which all plies are 1/16" thick and laminated in a cold press to make up the total thickness. Tests should be made on cold-press plywood before use in aerobatic aircraft.

FINNISH BIRCH AIRCRAFT PLYWOOD (METRIC)

Note: Full sheets are 4' x 4' and half sheets are 2' x 4', with the exception of 02-00236 which are furnished in 2' x 2'. Quality Birch Aircraft grade plywood produced to AB/B grade on all thicknesses. Finnish birch plywood is furnished in 48" x 48" sheets, depending on current availability. Prices fluctuate with changes in stock. Full sheets require truck shipment unless cut in half for UPS. Color may vary. Attention: 2' x 4' plywood are cut with grain. If cross cut required, specify at time of order.

ROYAL MARINE A-B FIR PLYWOOD

First quality marine plywood that meets or exceeds requirements of specifications PS 1-74. All are Douglas Fir.

BASSWOOD MIL-6070 AIRCRAFT PLYWOOD

Basswood meets MIL-6070 but is lighter and has more flexibility than Mahogany & Birch plywood, but has slightly less structural strength.
These American made Instant Glue products were used extensively in construction of the “Around the World Non-stop” Voyager aircraft and are highly recommended for many homebuilt aircraft applications by Voyager Aircraft, Inc. and Rutan Aircraft Factory. They create a fast, permanent bond on many similar and dissimilar materials such as woods, metals and composite materials.

**HOT STUFF™** - Odorless THIN have a consistency resembling that of water, used mainly for bonding parts which fit very well. 2oz. typically than SUPER ‘T’™ and more positioning time after contact of parts.

**SUPER ‘T’™** - A consistency similar to that of syrup and has the ability to fill small gaps between parts which don’t fit perfectly. SUPER ‘T’™ and UFO Odorless THICK have greater gap-filling ability than SUPER ‘T’™ and more time after contact of parts. The rate of cure is slow enough, (usually 30-40 seconds depending on the material), to allow precise alignment of parts, after assembly. 2oz.

**NCF QUICK™** - Used with HOT STUFF, UFO Odorless THIN, SUPER T, and UFO Odorless THICK, and with it you can do almost magical things. NCF Quick works in three ways to make HOT STUFF, ‘SUPER T’ and SPECIAL ‘T’ Easier, Faster, Stronger and able to bond some of the most unusual materials you can think of. 6 oz......P/N 01-00689 ...........

**POLYFIX™ INDUSTRIAL GLUES**

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyfix™ 11000 Gap Filling CYANOACRYLATE</td>
<td>01-01016</td>
<td>$6.65</td>
</tr>
<tr>
<td>Polyfix™ 11000 Gap Filling 1/2 oz. Brush on</td>
<td>01-01238</td>
<td>$6.65</td>
</tr>
<tr>
<td>Polyfix™ 11000 Gap Filling 1 oz.</td>
<td>01-01017</td>
<td>$7.95</td>
</tr>
<tr>
<td>Polyfix™ 11000 Gap Filling 2 oz.</td>
<td>01-01018</td>
<td>$13.50</td>
</tr>
<tr>
<td>Polyfix™ 11000 Gap Filling 3 oz.</td>
<td>01-01019</td>
<td>$36.75</td>
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**POLYFIX™ 14000 THIN CYANOACRYLATE**

Polyfix™ 14000 Thick Cyanoacrylate has a super thin viscosity that penetrates deep into cracks by capillary action and cures in a matter of a few seconds. Surfaces to be bonded must be tight fitting and should be held together while you apply the ca around the edges of the seams at the moment ca’s curve they give off a vapor that can irritate the nose and eyes, so be prepared. Thin ca’s work very well on any type of material, form more than just a surface bond. MIL SPEC-A-46050-C. (CAS NO. 7085-85-0)

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyfix™ 14000 Thin Cyanoacrylate 1/2 oz.</td>
<td>01-01008</td>
<td>$3.95</td>
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<tr>
<td>Polyfix™ 14000 Thin Cyanoacrylate 1 oz.</td>
<td>01-01009</td>
<td>$7.95</td>
</tr>
<tr>
<td>Polyfix™ 14000 Thin Cyanoacrylate 2 oz.</td>
<td>01-01010</td>
<td>$13.95</td>
</tr>
<tr>
<td>Polyfix™ 14000 Thin Cyanoacrylate 8 oz.</td>
<td>01-01011</td>
<td>$34.95</td>
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</table>

**POLYFIX™ 10000 ACCELERATOR**

Polyfix™ 10000 Accelerator 2 oz. is normally used to cure the ca that flows from joints or cracks when parts are pressed together. Apply an even thickness of ca across the joint and then curing with POLYFIX™ significantly enhances a crack’s strength. For difficult to bond material, POLYFIX™ 10000 can be applied to one surface and ca to the opposite surface. When brought together they will bond instantly in the SPECIAL® 10000 C-TYPE II or III A. (CAS NO. 99-97-8). (CAS NO. 64742-48-9)

**POLYFIX™ 7000 DEBONDER**

Polyfix™ 7000 Debonder is a universal repair compound. It is excellent for rebuilding or fabricating parts and as an all purpose adhesive for wood, metals, ceramic, glass, and many plastics. Fix-it can be tapped or drilled, sanded, filed or painted. Patch holes and cracks and seals leaks. Sets rock hard overnight. Fix-it is non-toxic, non-hazardous, and impervious to fuels and liquids.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyfix™ 7000 Debonder White 1/4 lb.</td>
<td>01-014770</td>
<td>$19.50</td>
</tr>
<tr>
<td>Polyfix™ 7000 Debonder White 1 lb.</td>
<td>01-014775</td>
<td>$32.75</td>
</tr>
<tr>
<td>Polyfix™ 7000 Debonder Silver 1/4 lb.</td>
<td>01-014790</td>
<td>$18.75</td>
</tr>
<tr>
<td>Polyfix™ 7000 Debonder Silver 1 lb.</td>
<td>01-014795</td>
<td>$32.85</td>
</tr>
</tbody>
</table>

**POLYFIX™ 6000 GAP FILLING**

Polyfix™ 6000 Gap Filling is a two-part epoxy adhesive that normally cures in a matter of a few seconds. Surfaces to be bonded must be tight fitting and should be held together while you apply the ca around the edges of the seams at the moment ca’s curve they give off a vapor that can irritate the nose and eyes, so be prepared. Thin ca’s work very well on any type of material, form more than just a surface bond. MIL SPEC-A-46050-C. (CAS NO. 601-35-4) • MIL-A-46050-C TYPE II A OR III A • (CAS NO. 99-97-8) • G.S.A NATIONAL STOCK NO. POLYFIX • 1-LB 1800 CA THIN • 1/2oz. 14000 CA THIN • 1/2oz 10000 Accelerator • 2 M/Grams Catalytic • 1-3’ x 8’ Fiberglass • 1 Pair Latex Gloves • 1 Manual (33 Page w/pictures) • MIL SPEC-A-46050-C (CAS NO. 601-35-4) • MIL-A-46050-C TYPE II A OR III A • (CAS NO. 99-97-8) • (CAS NO. 64742-48-9)

**POLYFIX™ PLASTIC REPAIR KITS**

Polyfix™ Thermal Fusion is a 3-part system that uses chemical reaction to heat the repair to 142°F, fusing it to the parent part. This system repairs ABS, royallite, graphite, lexan, polycarbonate, Kevlar, plexiglass, fiberglass and many other materials. The system combines Industrial cyanoacrylate glue, a catalytic filler, and an accelerator. May be used on airfoils, wing tips, cowlings, glare shields, and more. Kits include Polyfix™ Industrial chemical, polydust, gloves, finger cots, fiberglass mat, protection hand cream, no mixing tools, and an easy to follow instruction manual. Zero Shrinkage.

**SMALL** - Size: 1/4” x 1/8” x 30” • 1/2oz. 14000 CA. Thin • 1/2oz 10000 Accelerator • 2 M/Grams Catalytic • 1-3’ x 8’ Fiberglass • 1 Pair Latex Cream • 1-Pair Latex Gloves • 6 Finger Cots • 1 Manual (33 Page w/pictures) • MIL SPEC-A-46050-C • (CAS NO. 7085-85-0)

**MEDIUM** - Size: 1/4” x 1/8” x 60” • 1 Manual (33 Page w/pictures) • 1oz 14000 CA. Thin • 4 M/Grams Catalytic • 1/2oz. Hand Cream • 1oz 10000 Accelerator • 1-3” x 12” Fiberglass • 1 Pair Latex Gloves • 10 Fingercaps • G.S.A NATIONAL STOCK NO. POLYFIX • 1-LB 1800 CA. Thin • 2oz. 14000 CA. Thin • 2oz 10000 Accelerator • 8 M/Grams Catalytic • 10” x 10” Hand Cream • 1-LB Latex Gloves • 20 FingerCaps • MIL SPEC-A-46050-C • (CAS NO. 7085-85-0) • G.S.A NATIONAL STOCK NO. POLYFIX • 1-LB 1800 CA THIN • 2oz. 14000 CA. Thin • 10000 Accelerator • 8 M/Grams Catalytic • 10” x 10” Hand Cream • 1-LB Latex Gloves • 20 FingerCaps • MIL SPEC-A-46050-C (CAS NO. 601-35-4) • MIL-A-46050-C TYPE II A OR III A • (CAS NO. 99-97-8) • (CAS NO. 64742-48-9) • P/N 01-00235 $42.75

**LARGE** - Size: 1/4” x 1/8” x 120” • 1 Manual (33 Page w/pictures) • 2oz. 14000 CA THIN • 2oz 10000 Accelerator • 8 M/Grams Catalytic • 10” x 10” Hand Cream • 1-LB Latex Gloves • 20 FingerCaps • MIL SPEC-A-46050-C • (CAS NO. 7085-85-0) • G.S.A NATIONAL STOCK NO. POLYFIX • 1-LB 1800 CA. Thin • 2oz. 14000 CA. Thin • 10000 Accelerator • 8 M/Grams Catalytic • 10” x 10” Hand Cream • 1-LB Latex Gloves • 20 FingerCaps • MIL SPEC-A-46050-C (CAS NO. 601-35-4) • MIL-A-46050-C TYPE II A OR III A • (CAS NO. 99-97-8) • (CAS NO. 64742-48-9) • P/N 01-00236 $67.95
BSI QUIK-CURE 5 MINUTE EPOXY
QUIK-CURE™ 5 min. epoxy cures to a slightly flexible consistency. This lack of brittleness allows it to form a lasting bond in areas subjected to high vibration or stress. QUIK-CURE™ shouldn’t be used in areas that are subject to long-term immersion in water; however, it won’t water out of the internal structure of wood framed boats. QUIK-CURE™ is our only epoxy on which you can apply polyester resins. It can be mixed with microbubbles to form a quick setting putty. Items bonded with QUIK-CURE™ can be handled after 15 minutes. Full strength is reached in 1 hour.
P/N 01-01443 ............$19.95

BSI SLOW-CURE 30 MINUTE EPOXY
SLOW-CURE™ 30 min. epoxy works best for forming reinforcing fillets on joints. It has the highest strength of our epoxies. It is waterproof and more heat resistant. SLOW-CURE™ can be used for bonding if you’re willing to wait overnight. Fillers such as microbubbles can be mixed with SLOW-CURE™ and FINISH-CURE™ to form a putty-like consistency. Such fillers will usually decrease the working time by about 25%. Bonded objects can be handled after 8 hours and the cured epoxy reaches full strength within 24 hours .......P/N 01-01444 ............$19.95

BSI INSTA-CURE SUPER THIN CYANOACRYLATE
INSTA-CURE™ has a water-thin viscosity that wicks deep into joints by capillary action and cures in a matter of a few seconds. Surfaces to be bonded must be tight fitting and should be held together while you apply the CA around the edges of the seam. At the moment the CA cures, they give off a vapor that can irritate the nose and eyes, so be prepared. Thin CAs work very well on balsa since they penetrate into the wood and form more than just a surface bond.
1 oz. ......................P/N 01-01460 .............$6.50
2 oz. ......................P/N 01-01447 ............$10.50

BSI INSTA-CURE GAP FILLING CYANOACRYLATE
INSTA-CURE™ has a higher viscosity CA for loose fitting joints in which the adhesive must bridge gaps. Normally, the thicker CA is applied to one surface and then the parts are held tightly together for about 5 to 15 seconds. For large surface areas, including those with close fitting joints such as laminations, INSTA-CURE+™ should also be used. To prevent premature curing, don’t spread the glue into a thin film. Lay down a serpentine bead with about 1” separations on one surface, then assemble the parts, letting the pressure spread the CA out.
1 oz. ......................P/N 01-01461 .............$6.50
2 oz. ......................P/N 01-01448 ............$10.75
8 oz. Refill ..................P/N 01-01458 ...........$31.85

BSI MAXI-CURE EXTRA THICK CYANOACRYLATE
MAXI-CURE™ extra thick CA is the best CA for most plastics, including GE’s Lexan MAXI-CURE™ is the best choice for plastic model assembly. When used with INSTA-SET™, it works better than any putty for modifying or filling voids. It can be carved with a knife or razor blade and sanded and feathered to form a finish indistinguishable from plastic.
1 oz. ........................P/N 01-01459 ...........$6.50
2 oz. ........................P/N 01-01449 ...........$10.50

INSTA-WELD 2 THICK
Urethane Supply Company’s Insta-Weld 2 thick glue works well when you need to fill a gap. Insta-Weld 2 has about the consistency of 30 weight oil. To use, apply Insta-Weld 2 and then spray with Insta-Weld Activator (sold separately) for quick curing. Insta-Weld 2 will cure without the Insta-Weld Activator (sold separately) but it will take MUCH longer. Try Insta-Weld on everything. It will either work, or not work, instantly. Does NOT work on olefin based plastics like polyethylene, polypropylene, TPO and TEO. 2 fl. oz. (59 ml) bottle .......................P/N 01-01434 ...........$22.50

BSI SUPER-GOLD+ GAP FILLING ODORLESS FOAM SAFE
SUPER-GOLD+™ are odorless INSTA-CURE CAs. They are non-frosting and take only 2 or 3 seconds longer to bond. There are no fumes that irritate the nose and eyes. Do not attack white foam; therefore, they can be used in the building of foam core wings and the assembly and repair of plastic and foam ARF’s. They will not fog clear plastic. Ideal for attaching clear canopies in plastic model kits; however, MAXI-CURE™ is still recommended for assembling the rest of plastic kits. Wood can be bonded to white foam with SUPER-GOLD+™ in less than fifteen seconds.
P/N 01-01450 ......................$16.55

BSI INSTA-CURE+ POCKET CYANOACRYLATES GAP FILLING
BSI has added a 4 oz. size to go along with the 3/4 oz. cyanoacrylates. These Pocket CAs feature a new top that has a pin built into the cap that covers the nozzle. This pin seals the bottle so that if it is tipped over, the bottle will not leak. Has a blunt nozzle which makes it more difficult to apply small amounts of the CA, especially in tight places. Over 70% prefer our standard top for general bonding purposes. .......................P/N 01-01451 ...............$18.50

BSI INSTA-SET CYANOACRYLATES ACCELERATOR
INSTA-SET™ is a catalyst which acts as an accelerator that allows CAs to quickly cure in thick plastic layers by enhancing the alkaline conditions during polymerization. INSTA-SET™ in a spray bottle is normally used to cure the CA that flows from joints when parts are pressed together. Applying an additional bead of thick CA along a seam and then curing it with INSTA-SET™ significantly enhances a joint’s strength. For difficult to bond materials, INSTA-SET™ can be applied to one surface and CA to the opposite surface. When brought together, they will bond instantly. INSTA-SET™ is formulated with a strawberry scent and activates CA in 6 to 8 seconds without any degrading of the CAs strength, which can occur with many other accelerators. It is compatible with all surfaces, even clear plastic and white foam.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pump Spray - 2 Fl. oz</td>
<td>01-01453</td>
<td>$6.50</td>
</tr>
<tr>
<td>Refill - 8 Fl. oz</td>
<td>01-01454</td>
<td>$12.50</td>
</tr>
<tr>
<td>Aerosol - 6.75 Fl. oz</td>
<td>01-01455</td>
<td>$12.50</td>
</tr>
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</table>

BSI UN-CURE CYANOACRYLATE DEBONDER
QUIK-CURE™ 5 min. epoxy cures to a slightly flexible consistency. This lack of brittleness allows it to form a lasting bond in areas subjected to high vibration or stress. QUIK-CURE™ shouldn’t be used in areas that are subject to long-term immersion in water; however, it works fine for the internal structure of wood framed boats. QUIK-CURE™ is our only debonder on which you can apply polyester resins. It can be mixed with microbubbles to form a quick setting putty. Items bonded with QUIK-CURE™ can be handled after 15 minutes. Full strength is reached in 1 hour.
P/N 01-01456 ...............$4.60

BSI IC-LOC BLUE MEDIUM STRENGTH THREAD LOCKER
C-Loc™ Blue is a medium thickness, medium strength threadlock that is applied to the threads of fasteners before assembly. Once the IC-Loc Blue™ is cured, the fasteners can be disassembled with standard hand tools if required.
P/N 01-01457 ...............$6.50
T-88 STRUCTURAL ADHESIVE

T-88 is a non-brittle structural adhesive which gives superior finish results even when used under adverse working conditions. T-88 will cure in temperatures as low as 35°F which makes it an excellent choice for homebuilders living in colder climates. It is recommended for the building of many types of homebuilt aircraft and is excellent for bonding aluminum, steel or wood. When fully cured, it is not affected by water, oil, gasoline and most other chemicals.

1/2 Pt Kit... P/N 02-00046 $21.75 Qt Kit... P/N 02-00036 $28.75

T-88 UNIVERSAL CARTRIDGES

With the Universal Cartridge any medium to high quality caulking gun will work just fine. When you evaluate the Universal Cartridge notice that without a mixture tip it is perfect for accurately measuring small batches of adhesive. This is something that is very hard to do in a mixing cup without generating a lot of waste. Of course when the cartridge is used with the mixing tip you get both accurate measuring and thorough mixing making large, continuous gluing jobs much easier with flawless products performance. Note: Cartridge includes one mixing tube. Extra mixing tubes and caps are sold separately.

P/N 02-00103 $24.50

REDI-MIX MIXER TUBE

The static mixer tube attaches to the cartridge with a retaining nut which allows for the best possible mixing. The mixer tube to the cartridge may be cut back to about 1/4". Very small quantities of epoxy may be prepared in this manner without any waste or added cost.

P/N 02-00045 $76.75

QUIK FIX EPOXY PUTTY STICKS

QuikFix BC 101 is a hand mixable, fast curing, general purpose epoxy putty stick that mixes in just one minute to provide fast repairs to many surfaces including wood, glass, concrete, ceramic and some plastics. One hour after mixing, QuikFix BC 101 can be drilled, sanded, filed, tapped, machined, or painted. Color: Gray (after cure).

3.5” stick........... P/N 01-00333 $11.95
7” stick............ P/N 01-00332 $13.95

BOND-AIDE WOOD EPOXY PUTTY

Bond-Aide P-1500W is a wood epoxy putty compound that cures in minutes to form permanent repairs on woods, plaster, ceramics and many plastics with no shrinkage. Excellent for bonding wood to wood, wood to metal, and wood to glass or ceramics. P-1500W has a multitude of uses in aircraft restoration, rebuilding, and repair.

1 tube 2-part Bond-Aide P-1500W............ P/N 02-18650 $15.50/ea

G/FLEX EPOXY ADHESIVE

A toughened, versatile, liquid epoxy for permanent water-proof bonding of fiberglass, ceramics, metals, plastics, damp and difficult-to-bond woods. Modulus of elasticity of 150,000 P.S.I. Can absorb the stress of expansion, contraction, shock and vibration. Can be modified with West System fillers and additives, and used to wet-out fiberglass tapes and fabrics. Mixed at a 1:1 ratio, G/Flex gives you 45 minutes of working time at room temperature. It reaches an initial cure in 7 to 10 hrs and full cure in 24 hrs.

Epoxy Adhesive............. P/N 01-01161 $32.99
655-K Epoxy Kit - Contains 4.5 oz. G/Flex 655 resin and 4.5 oz. G/Flex 655 hardener (8 fl. oz. mixed epoxy), 2 reusable mixing stick/applicators, 2 12-cc syringes, 4 grams Adhesive Filler, 4 mixing cups, 1 pair disposable neoprene gloves, 4 alcohol cleaning pads and complete handling and repair instructions...

G/Flex gives you 45 minutes of working time at room temperature. It reaches an initial cure in 7 to 10 hrs and full cure in 24 hrs.

$48.99

3M™ SCOTCH-WELD™ EPOXY ADHESIVE

DP420 50ML DUO-PAK

3M™ Scotch-Weld™ Epoxy Adhesive DP420 is a toughened, two-part epoxy structural adhesive that provides good strength along with high impact and fatigue resistance to meet demanding bonding challenges. Scotch-Weld™ Epoxy Adhesive DP420 can replace mechanical fasteners, screws, rivets and spot welds in many applications.

P/N 09-06060 $47.50

Prices Subject to Change Without Notice - Valid as of June 1, 2023.
PTM&W ES6279 AEROPOXY EPOXY ADHESIVE

Manufactured by PTM & W Industries, Inc. ES6279 is a light grayish-tan two-part epoxy adhesive that was developed specifically for difficult bonding problems involving similar or dissimilar materials. ES6279 provides excellent adhesion to a wide variety of materials such as aluminum, steel, brass, glass, ceramics, and wood. The mix ratio of 1 to 1 by weight or volume allows easy measuring, and the creamy, smooth viscosity allows easy, uniform application. The cured material has excellent strength as well as good resistance to weak acids, moisture, and weather. ES6279 has been used successfully for many years in a variety of general bonding uses as well as numerous production applications.

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<th>Wt. (lbs.)</th>
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SYSTEM THREE ROTFIX

Rotfix is an easy-to-use, low viscosity epoxy wood restoration system for consolidation of rotted, deteriorated, dried out, or spongy wood. It creates a strong water-resistant base for repair and restoration. Penetrates deep into wood for maximum strength. Use with Sculpwood for permanent structural repair or severely damaged wood. Kit includes 16 oz measuring/application bottle.

| Qt. Kit. | P/N 01-01595  | $120.75  |
| Gal. Kit.| P/N 01-01596  | $357.00  |

SYSTEM THREE SCULPWOOD 2 PINT KIT

SculpWood Putty is a two-component, solvent-free, kneadable epoxy. It is moldable, carveable, lightweight, strong, and exhibits excellent adhesion to a variety of substrates. It is easily sanded and will accept paint, screws and nails. 2 pint (32 oz) Kit . P/N 02-90055 .......$46.95/ea

SYSTEM THREE QUICK CURE EPOXY

Quick Cure is a 5 min. epoxy from System Three which bonds wood, metals, fiberglass, ceramics and glass. Excellent for making quick repairs, as it hardens in 5 minutes at room temperature. Mixing ratio: 1 to 1. Not recommended for applications in excess of 200°F.

| Quart Kit | P/N 02-30060 | $34.50   |

GORILLA SUPER GLUE

Its high strength and quick set time make Gorilla Super Glue the go-to for a variety of household projects. Developed for long-lasting repairs in an instant, Gorilla Super Glue is formulated with tiny rubber particles for increased impact resistance. We call it Impact-Tough® because it stands up to wear and tear unlike any other instant glue. Gorilla Super Glue Gel is an easy-to-use, thicker and more controlled formula great for multiple surfaces and vertical applications.

| Super Glue Gel | P/N 09-04094 | $5.85    |

PTM&W ES6228 METAL BONDING ADHESIVE

ES6228 is a thin paste viscosity epoxy adhesive designed to provide good bonds to metal surfaces. A unique feature of ES6228 is its ability to bond to slightly oily metal surfaces. This is useful in situations where the complete removal of residual mill oil on metal surfaces is not possible. The thin paste consistency of ES6228 wets the metal surface well, for good adhesion. This viscosity also provides some gap filling capabilities, so “close-fitting” joints are adequate, and matched-metal joints are not required. ES6228 has a 1:1 mix ratio, by weight or volume, for easy measuring. The white resin and black hardener combine to a smooth gray system that is easy to mix and apply. The cured material has very good properties, with high bond strength and elongation, for tough durable assemblies.

| Quart Kit | P/N 01-00415 | $103.75 |
|           | P/N 01-00414 | $338.00 |

PTM&W ES6209 AEROPOXY STRUCTURAL ADHESIVE

ES6209 is a translucent, straw colored two component epoxy adhesive with a thick, liquid consistency. ES6209 is an excellent structural adhesive for use when good flow and surface wetting are required. Though pourable it has a controlled flow viscosity to minimize run-out from the adhesive joint. The 1 to 1 combining ratio by weight or volume makes it easy to measure and mix. The working time of over an hour provides plenty of time to coat and assemble the materials to be bonded. ES6209 has excellent adhesion to composite and metal parts typically used in kitplane construction. It bonds rigid foam, wood, ceramics, fiberglass and most metals with ease.

| QT. Kit. | P/N 01-00406 | $25.80   |
|          | P/N 01-00405 | $25.80   |

DOW CORNING #739 PLASTIC BONDING SILICONE ADHESIVE

Dow DOWSIL #739 Plastic Adhesive Black is a one-component, room temperature curing, silicone adhesive that is used for sealing, wedge bonding, repairs, and general-purpose applications. It offers high elongation, no flow, fast in-line processing, flame resistant, and requires no mixing.

| P/N 09-05668 | $10.53 |

METAL SET A4 ALUMINUM FILLED EPOXY ADHESIVE

Metalset A4® is a powerful epoxy adhesive that has been used for years by all branches of the U.S. Military as well as every major airline and auto manufacturer in the world. A4 is used for hundreds of industrial bonding applications and offers excellent adhesion to porous or non-porous surfaces. It can be applied to vertical surfaces without sagging and cures overnight with negligible shrinking. Once cured, A4 offers good machining qualities (sanding, drilling, tapping), and resists alkalis, dilute acids and solvents. Applications include stopping leaks in pipes, valves and tanks (i.e. car gas tanks), bonding like and unlike surfaces, filling metal joints, dents, etc., anchoring bolts in wood, concrete, and repairing metal surfaces.

| 6 oz tube - 16 hour cure time | P/N 02-00220 | $15.50 |
| 11 oz tube                      | P/N 02-00233 | $23.50 |

MELTWELD EPOXY ADHESIVE

MeltWeld is a 2-part, equal volume ratio, room temperature curing epoxy adhesive. MeltWeld develops strength earlier than other comparable 1:1 systems and may be used at any temperature as low as 50°F. Metal to be bonded should be freshly sanded and clean from grease, wax, oil and other contaminants. Allow 48 hours min. to cure and develop strength at 77°F (longer at cooler temps.) before subjecting to stress. Bonds plain & anodized aluminum, glazed & unglazed ceramic; concrete; copper; glass; galvanized and stainless steel; neoprene rubber and most porous materials. Does not bond asbestos, polyethylene, polypropylene, polystyrene or vinyl plastics.

| 1/2 Pint Kit. | P/N 01-00406 | $25.80   |
|               | P/N 01-00405 | $25.80   |

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