PTM&W ES6279 AEROPOXY EPOXY ADHESIVE

ES6279 is a light grayish-tan two part 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 as a general bonding uses as well as numerous production applications.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>WL (lbs.)</th>
<th>Price</th>
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<tbody>
<tr>
<td>02-30015</td>
<td>1/2 quart part A only</td>
<td>3.0</td>
<td>$49.50</td>
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<td>02-30020</td>
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<td>02-30025</td>
<td>ES6279 QUART KIT</td>
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<td>1/2 gallon part A only</td>
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<td>02-30055</td>
<td>ES6279 PAIL KIT</td>
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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. Thick pourable mix allows easy measuring, and the creamy, smooth viscosity allows easy, uniform application. 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.

Quart Kit ..............................................P/N 01-00295 $59.75
Gal. Kit .............................................P/N 01-00296 $99.00

ES6247 HIGH PEEL STRENGTH EPOXY ADHESIVE KITS

ES6247 is a two component toughened epoxy adhesive with very good cured properties that provides excellent bonds to a variety of substrates. Its blend of high lap shear and T-Peel values allow superior performance in demanding bonding applications. ES6247 adheres very well to wood, metal, composites and some plastics. The bonded components exhibit tough and durable applications. ES6247 is an easy to use, low viscosity epoxy wood repair system for consolidation of rotted, deteriorated, dried out, or spongy wood. It creates a strong water-resistant bond and surface repair and restoration. Perfect for deep bond to provide good bonds to metal surfaces. Use with Sculpwood for permanent structural repair or severely damaged wood. Kit includes 16 oz measuring/application bottle.

1.5 pint (24 oz) Kit ................................P/N 02-90050 $38.50/ea
2 pint Kit ...........................................P/N 02-90055 $34.50/ea
4 pint Kit ...........................................P/N 02-90060 $30.50/ea
1 gallon Kit ......................................P/N 02-90065 $29.50/ea

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, variety bonding, repairs, and general-purpose applications. It offers high elongation, no flow, fast in-line processing, flame resistant, and requires no mixing. P/N 09-05663 $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 many major airframe 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 shrinkage. Once cured, A4 offers good maching qualities (sanding, drilling, tapping), and resists alkalis, dilute acids and solvents. Applications include sealing leaks in pipes, tanks and valves (i.e. car gas tanks), bonding like and unlike surfaces, filling metal joints, bolts, 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 $22.55

METWELD EPOXY ADHESIVE

MetWeld is a 2-part, equal volume ratio, room temperature curing epoxy adhesive. MetWeld develops strength earlier than other comparables. A 1:1 systems and may be used at temps. as low as 50o. Metal to be bonded should be freshly sanded and clean from grease, wax, oil and other contaminants. All 45 hours to cure and develop strength at 77F (longer at cooler temps.) are not subjected 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 acrylic, polyethylene, polypropylene, polystyrene or vinyl plastics.

1/2 Pint Kit ..................................................P/N 01-00406 $20.85
Quart Kit ..................................................P/N 01-00408 $46.50

SYSTEM THREE SCULPWOOD

2 PINT KIT

SculpWood Putty is a two-component, solvent-free, kneadable epoxy. It is moldable, carvable, lightweight, strong, and exhibits excellent adhesion to a variety of substrates. It is easily sanded and will accept paint, screws and nails. Pint (52 oz) Kit........P/N 02-90050 $38.50/ea

SYSTEM THREE QUICK CURE EPOXY

Quick Cure is a 5 min. epoxy from System Three which bonds wood, metal, fiberglass, ceramics, plastics 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.

Pint Kit .....................................................P/N 02-30065 $29.50
Quart Kit ......................................................P/N 02-30065 $52.80

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 ..................................................P/N 09-04093 $3.95
Super Glue Gel ............................................P/N 09-04094 $3.95

SCIGRIP 4SC LOW VOC ACRYLIC PLASTIC CEMENT

SCIGRIP 4SC is a water thin, somewhat flammable, cement formulated to quickly develop very clear and high strength bonds for many thermoplastic substrates. It will also bond with other thermoplastics such as polystyrene, CAT (cellulose acetate butyrate), and polycarbonate to themselves. It is not recommended for cross-linked acrylic.

P/N 03-00243 $23.50

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41