

ADHESIVES - GLUES

CASCOPHEN



A Resorcinol Formaldehyde Adhesive capable of curing at room temperature and providing strong, durable, waterproof bonds. Comes in two parts, a liquid resin (part A) and a powdered catalyst (part B). The liquid resin is an alcohol-water solution of a partially condensed resorcinol-formaldehyde resin containing a suitable reinforcing cellulosic filler. The hardener is a tan powder formulated from paraformaldehyde and a suitable cellulosic filler. Produces a cured glue line which is resistant to fresh water or salt water, most acids and organic solvents, and lubricating oils and greases. Being thermoset, the bond is resistant to elevated temps. and conversely, no loss in bond strength occurs at temperatures as low as 40°F. These features make it advantageous for use as a general marine and aircraft use. It provides strong bonds between many wood and non-wood surfaces. These include treated woods, many plastics, natural and synthetic rubber, primed metal, leather, textiles, paper and fiber boards.

- Pint Kit (Pint A, 1/4lb B) P/N 02-00036
- Quart Kit (Qt A, 1/2lb B)..... P/N 02-00037
- Gallon Kit (Gal A, 2lbs B)..... P/N 02-00038

FPL-16A HUGHES GLUE



This is an exceptionally fine two-part white epoxy glue for homebuilt and experimental aircraft. It is based on a formula developed by Forest Products Laboratories. It is excellent not only for wood but for many other applications such as a metal to wood adhesive, metal to metal, just about anything with the exception of some plastics.

It has been used by builders for many years with universal acceptance. Its low viscosity makes it very easy to work. Shelf life: Resin - more than 1 yr. Hardener - Indefinite.

- Qt Kit (1 qt. resin, 4oz hardener, Wt 4 lbs) P/N 02-23400
- Gal Kit (1 gal resin, 16oz hardener, Wt. 13 lbs) P/N 02-23500

HYSOL EA-9430 GLUE



This new and improved Hysol glue replaces the old EA-9410-2 glue. EA-9430 has the same characteristics as the EA-9410, but has a 50 minute pot life instead of the 30 minute pot life of the EA-9410 at 77°F. Used extensively in the Strojnik S2A sailplane and many other homebuilts.

- P/N 02-18600

RESORCINOL GLUE



Resorcinol glue is a waterproof two-part system that meets or exceeds the requirements of MIL-A-46051 (Type I, Grade A), (Type II, Grade C), & MIL-A-22397 (Grade A). It resists outdoor exposure, cold or boiling water, heat, molds, and solvents. Pot life: 3-4 hrs. Mix Ratio: 4 to 1 by weight. Excellent for use on wood structures. 1 pint. P/N 0227...../ea

SCOTCH WELD 3M

STRUCTURAL ADHESIVE

Commonly known as "Scotch Weld", this two part epoxy structural adhesive will bond wood, metal, plastics and rubber. It has a pot life of nearly 2 hours after mixing, and a 1 year shelf life. Forms flexible yet very strong bonds. Color: Gray. 2 oz. kit

- P/N 02-00045

FOR OTHER 3M™ PRODUCTS SEE PAGES 345-352

WEST SYSTEM SIX10 THICKENED EPOXY ADHESIVE



Six10 Adhesive gives you the strength and reliability of a two-part WEST SYSTEM epoxy with the convenience of a single part product. Six10 is dispensed with a standard caulking gun. Non-sagging Six10 bonds tenaciously to wood, metals, fiberglass and concrete. It cures in temperatures as low as 50°F. Working time is 42 minutes at 72°F.

Cures to a solid in 5-6 hours and will take high loads in 24 hours. Cure time is faster at warm temperatures and slower in cool temperatures. The Six10 cartridge holds 190 ml of resin and hardener. To use Six10 Adhesive, replace the retaining nut and plug on the West System Six10 dispensing cartridge with the 600 Static Mixer that comes attached to the cartridge. Dispense mixed 2 part epoxy adhesive using a standard caulking gun. The efficient internal geometry of the 600 Mixer thoroughly blends resin and hardener in a short mixing length for good application control and a minimum of waste. Place high-strength, non-sagging epoxy exactly where it's needed in less time and with no mess. Additional 600 StaticMixers are available in packages of two or twelve.

Part No.	Description	Unit Size	Price
01-01069	Epoxy Adhesive Cartridge	190 ml	.
01-01071	Static Mixers	12 ea	.

T-88 STRUCTURAL ADHESIVE



T-88 is a non-brittle structural adhesive which gives superior finished 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 by the builders 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 Pt. Kit..... P/N 02-00047
- Qt. Kit P/N 02-00048 Gal. Kit.... P/N 02-00049

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.

- P/N 02-00103

T-88 SQ TURBO MIXER



T-88 System Three Mixing Nozzle

- P/N 02-00108

UNIVERSAL CART RATIO CHECK CAP T-88



T-88 System Three cart ratio check cap.

- P/N 02-00109

REDI-MIX MIXER TUBE



The static mixer tube attaches to the cartridge with a retaining nut which screws on securely with the REDIMIX gun. The mixer tip tapers to 1/8" but 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 02-90030

ALL-PURPOSE STRUCTURAL ADHESIVE



This structural adhesive is a unique two-part epoxy system with superior physical properties. Similar to the popular T-88 system, it permanently bonds or mends wood, metals, plastics, fiberglass and ceramics. Its exceptionally high peel strength makes it ideal for bonding dissimilar surfaces. Like the Safe-T-Poxy system, it is safe to use and has a low irritation potential. Mixing Ratio 1:1, Color: Light amber. Cures overnight, max. strength in 7 days (70°F). Gel Time (70°F): FE7004(Fast) 35min, #9922 (Slow) 2.5 hrs

- 1-Pint Kits..... Slow Cure P/N 02-00012
- 1-Quart Kits..... Fast Cure P/N 02-00014
- 2-Quart Kits..... Slow Cure P/N 02-00009

WELDWOOD GLUE



Weldwood Plastic Resin glue is a powdered, pre-catalyzed water-activated glue designed to provide strong, durable bonds for wood and wood products. Forms a bond stronger than the wood itself. Meets Fed. Spec A-A-3052.. Pot life: 4-5 hrs @ 70°, 2.5hrs @ 80°. Mix Ratio: 5 to 2 by volume. Resistant to fungi, bacteria, oil, gasoline & solvents.

- 1 Lb (6 per case) P/N 0203
- 5 Lb (4 per case) P/N 0204

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