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 resin is an alcohol-water solution of a partially condensed resorcinol-formaldehyde resin containing a suitable reinforcing cellulosic filler. The hardener is a tar 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. Surfaces include treated woods, many plastics, natural and synthetic rubber, primed metal, leather, textiles, paper and fiber boards.

FPL-16A HUGHES GLUE
This is an exceptionally fine two-part white epoxy glue for home and experimental aircraft. Not 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 year. Hardener - Indefinite.

HYDOSIL EA-9430 GLUE
Replaces the 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 Stronjik S2A sailplane and many other homebuilts.

WEST SYSTEM SIX10 THICKENED EPOXY ADHESIVE
Six10 Adhesive gives you the strength and reliability of a two-part 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. 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. Additional 600 Static Mixers are available in packages of two or twelve.

FASTWELD 10 A/B HIGH SETTING EPOXY
Fastweld 10 A/B epoxy adhesive is a rapid-setting, two-component paste offering a convenient one-to-one mixing ratio by volume or weight. Fastweld 10 A/B epoxy adhesive produces strong bonds in a very short period. It is especially suited for bonding small parts and for repair work. Pot life: 3-4 minutes at 77°F. Cure time: 4 hours. Shelf life: 3 years. T-88 Structural Adhesive 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.

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.

REDI-MIX MIXER TUBE
The static mixer tube attaches to the cartridge with a retaining nut which screws on securely to the REDIMIX gun. The mixer tip tapers to 1/8” but may be cut back to 3/16”. Very useful when working at higher altitudes or in colder climates. The tool 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.

WEST SYSTEM SIX10 THICKENED EPOXY ADHESIVE
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Part No. | Description | Unit Size | Price
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01-01069 | Epoxy Adhesive Cartridge 190 ml | | $22.97
01-01071 | Static Mixers 2 ea | | $4.35

FASTWELD 10 A/B HIGH SETTING EPOXY
Fastweld 10 A/B epoxy adhesive is a rapid-setting, two-component paste offering a convenient one-to-one mixing ratio by volume or weight. Fastweld 10 A/B epoxy adhesive produces strong bonds in a very short period. It is especially suited for bonding small parts and for repair work. Pot life: 3-4 minutes at 77°F. Cure time: 4 hours. Shelf life: 3 years.

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...$19.50  Pt. Kit......P/N 02-00047 ...$24.75  Quik Fix 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 metals, woods, glass, concrete, ceramics and numerous plastics. One hour after mixing, QuikFix BC 101 can be drilled, sawed, sanded, filed, tapped, machined, or painted.

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.

G/FLEX EPOXY ADHESIVE
A toughened, versatile liquid epoxy for permanent waterproof bonding of fiberglass, ceramics, metals, plastics, damp and difficult-to-bond woods. Modulus of elasticity of 150,000 PSI. 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.

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.

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

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Epoxy Adhesive...............P/N 01-01162 ........$22.94  655-K Epoxy Kit - Contains 4 fl. oz. epoxy, 6.5 fl. oz. resin, 1 pair disposable neoprene gloves, 4 alcohol cleaning pads and complete handling and repair instructions...............P/N 01-01161 ........$33.35

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Epoxy Adhesive...............P/N 01-01162 ........$22.94  655-K Epoxy Kit - Contains 4 fl. oz. epoxy, 6.5 fl. oz. resin, 1 pair disposable neoprene gloves, 4 alcohol cleaning pads and complete handling and repair instructions...............P/N 01-01161 ........$33.35