EVERCOAT®

TECHNICAL DATA SHEET

PRODUCT: **Fiberglass Resin**

PART NUMBER:

100498	**Gallon**	**4 units/case**
100499	**Quart**	**12 units/case**
100500	**Pint**	**12 units/case**

DESCRIPTION: Heavy, thixotropic formula that will not run or sag and will cure to a non-tacky surface. Wets out mat and cloth quickly. Can be filed, sanded or drilled. Impact resistant. Waterproof. Use with fiberglass mat, cloth or tape to rebuild and repair. Liquid hardener included.
Fiberglass cloth, mat, woven roving or tape must be used with this resin

SUBSTRATES:

- Fiberglass
- Soft Woods

NOTE: *Not for use over redwood, cedar, oak or other oily or close grained woods.*
Not intended for use on SMC or non-polyester plastics.
Do not use with Styrofoam

PREPARATION:

- Clean repair area with soap and water, followed by the appropriate cleaning solvent to remove grease, wax, and other foreign materials
- Remove all paint, varnish, or gel coat with 80 grit
- Remove sanding dust with clean compressed air
- Wipe area clean with acetone and allow to dry sufficiently
- Cut fiberglass cloth or mat slightly larger than the area to be covered

If repairing a hole, cut or grind away all loose or damaged material. Sand several inches beyond the repair area and bevel repair to a thin edge towards center. Tape cardboard covered with wax paper to the back side of the hole to be repaired. Cut fiberglass mat or cloth to overlap the repair area by at least 2" (5 cm). If multiple layers of mat or cloth are required cut each layer slightly larger than the lower layers. When using cloth vary direction of cloth by 45° between layers to maximize strength.

MIXING: **Use at temperature of 60°F (16°C) or higher for proper cure.**

- Add MEKP Liquid Hardener to resin using the chart below

Avoid mixing large volumes to ensure proper working time

	Resin / MEKP Hardener Mixture ratio		
Air Temperature	Per Ounce	Quart	Gallon
60F-70F	18 drops	17 cc	68 cc
71F-90F	12 drops	11 cc	44cc
91F	10 drops	9 cc	36cc

- Mix well for 1-3 minutes being sure to scrape the sides and bottom on the container to insure a proper mix:
- Resin will show a color transition indicating a thorough mix.
- Catalyzed mixture will begin to harden in about 20-30 minutes at 80°F (27°C) **Gel times will vary with temperature and thickness.**

APPLICATION:

- Apply mixed resin to the repair surface
- Apply selected reinforcement.to the repair area
- Work the resin into the fiberglass until the fibers disappear

Use only enough resin to saturate the reinforcement fibers

- Additional layers can be applied before the mixture gels.
- Excessive brushing or application in direct sunlight can cause resin to cure tacky.

NOTE: **Fiberglass cloth, mat, or tape must be used with polyester resin.**

FINISH: **Cured surface must be sanded before re-coating, painting, or applying gel coat**.

- Once the repair has hardened sand to proper contour with 80 – 180 grit. Final sand with 180 grit
- Fill any remaining voids or irregularities with EVERCOAT Premium Filler/Putty, then coat with EVERCOAT Polyester Primer. Sand to paint manufacturers recommendations.

CLEAN-UP: Use acetone to clean tools

TECHNICAL SPECIFICATIONS:

Appearance	Amber Liquid
VOC	Refer to Section 9 of the Safety Data Sheet
Relative Density	Refer to Section 9 of the Safety Data Sheet
Working Time	4 – 7 minutes @ 75°F - 80°F (24°C - 27°C)
Gel Time	20 - 30 min. @ 75°F - 80°F (24°C - 27°C)
Sand Time	1.5 – 2 hours
Full Cure	6 - 8 hours

NOTE: **Properties are typical values and should not be considered as sales specifications. Physical testing performed @ ~80°F (27°C) / 75% RH unless otherwise noted. Times can vary with product temperature, ambient temperature, and application thickness.**

SAFETY & HANDLING: Read all directions and warnings prior to using Evercoat® products. Safety Data Sheets can be found online at evercoat.com.

NOTES: Never return mixed product to can

Keep can closed and store in a cool dry place

USE WITH LIQUID MEKP HARDENER ONLY!