

TAP Plastics Laminating Polyester Resin Bond Coat

Instructions: Read CAUTIONS (below) and Instructions before starting project. All preparation must be completed before mixing catalyst to assure maximum working time for resin application. Do not work in direct sunlight (improper curing, bubbles, and craters may result). Apply only in dry weather above 60°F. Resin, itself, should be in the 65°F to 80°F range. Note: Do not use on styrene surfaces such as Styrofoam (Styrofoam will dissolve) or on cedar, redwood, oak, or close grained or oily woods. Test for adhesion before beginning project.

Surface Preparation: Surfaces must be clean, dry, and free from wax, grease, oil, and any other foreign matter. Sand to remove all paint. Do not use wax-based paint removers or flame to remove paint. Fill cracks, holes, and depressions with Dynatron® Dynalite and sand smooth. Old fiberglass surfaces should be scuff-sanded before re-fiberglassing or patching. Use clean rag or dry brush to remove dust and particles.

Fiberglass Cloth: Pre-cut all fiberglass cloth to the proper measurements. Allow overlap of adjoining fiberglass cloth sections to assure continuous protection. Always overlap cloth around edges and corners for maximum strength.

Mixing Catalyst: Mix catalyst with resin thoroughly and apply mixture immediately.

Resin	per liquid oz	per pt	per qt	per gal
Catalyst	10-15 drops	1/4 oz	1/2 oz	2 oz

Mix only the amount of resin you can apply in approximately 20 minutes. At higher temperatures (85°F) reduce proportion to catalyst by 20%. At lower temperatures (60°F) increase catalyst by 25%. Do not apply at under 60°F or over 90°F. If longer gel time is desired, prepare test sample with reduced quantities of catalyst. This resin has a catalyst indicator dye. The resin changes color from blue to neutral with the addition of the catalyst.

Application: Apply catalyzed resin to surface being glassed. Be generous. Apply enough Bond Coat Resin to penetrate the wood and leave resin on surface. Lay on the glass cloth, squeeze it tightly to the surface being glassed. Use either a brush or a roller, but be sure to work resin in all directions for thorough coverage. If any dull spots show on the surface, apply additional resin. Allow resin to saturate a few minutes. Should cloth appear white, apply more resin until it becomes transparent. Bond Coat cures to a tacky surface and **does not** require sanding between coats. Clean tools with Acetone before the resin gels. Never apply paint or epoxy over Laminating Resin with uncured surface. Use TAP Surface Curing Agent in the final coat of resin. See Product Bulletin 3 for more fiberglassing information.

Our new and improved formula offers easier wet-out (lower viscosity), and better handling on vertical surfaces (thixotropic). This formula has a 18-22 minute working time. It is wax-free, so layers bond together without sanding. Typical Properties @ 77° F

Gel Time 18-22 Minutes
Viscosity ~575-675cps
Thix Index ~3-5.0
Peak Exotherm ~300-360°F
Monomer Content <35%

Use For:

Repairing, building or strengthening boats, tanks, car bodies, decks, furniture, tools, sports equipment, garden ponds, and many other projects.

MSDS for TAP Polyester Bond Coat Resin available at tapplastics.com

Visit us at: tapplastics.com

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WARNING: Flammable! Skin Sensitizer and Eye Irritant. **KEEP OUT OF REACH OF CHILDREN.**

CAUTIONS: Keep away from heat, sparks, and open flame. No smoking. Do not breathe vapors or mist. Do not get in eyes, on skin, or clothing. Wear protective equipment. Keep container closed when not in use. Use only with adequate ventilation. Wash thoroughly after handling. Wash clothing before reuse.

WARNING: Use of this product will expose you to chemicals known to the State of California to cause cancer.

FIRST AID • Eyes: Flush with plenty of water for 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical aid.

Skin: Wash with nonabrasive soap and water. If irritation persists, seek medical aid. **Inhalation:** Allow victim to rest in a well-ventilated area. If victim is unconscious, administer artificial respiration and/or oxygen as needed. Seek medical aid.

Ingestion: DO NOT INDUCE VOMITING (aspiration hazard). Seek immediate medical aid and show the container or label.

WARRANTY

TAP products are manufactured to quality specifications, however they should be tested to determine their suitability for your application. Since we have no control over working conditions or methods, our liability does not exceed the value or replacement of this product. TAP Resin products are guaranteed for six months from date of purchase or nine months from code date on container.