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Technical Data Sheet

Permatex® PermaPoxy™ Plastic & Fiberglass Sticks

INDUSTRIAL

PRODUCT DESCRIPTION

S.I.N.: 834-300

Permatex® PermaPoxy™ Plastic & Fiberglass Stick is a two part, hand kneadable, putty type epoxy. Contrasting colored materials are mixed together to form a uniform color to indicate thorough mixing. PermaPoxy™ Plastic & Fiberglass Stick can be drilled, sanded, threaded or filed and are resistant to fuels and solvents after full cure.

PRODUCT BENEFITS

Easy To Use:

- No heating required
- Cures under water

Fast and Reliable:

- Holds in 5 minutes
- Useable in 30 minutes
- Good moisture resistance
- Withstands high temperatures

Safe To Use:

- Non-flammable

TYPICAL APPLICATION

For bonding rigid materials including:

- ABS
- Fiberglass
- Gel coat
- PVC
- FRP
- Acrylic
- Glass
- Styrene
- Wood
- SMC

DIRECTIONS FOR USE

1. Before starting, make sure your work area is protected from accidental spills. Surfaces must be clean, dry and free of grease and oil.
2. Roughen smooth surfaces to be repaired with sandpaper.
3. Cut off required amount of epoxy and knead with fingers to a uniform color. This should take no longer than two minutes.
4. Apply to the surface to be repaired. Force into cracks or holes to be filled. Excess material can be removed, before it is cured, with a tool wetted with clean water.
5. On wet or damp surfaces, work material into area forcefully and hold in place until adhesion begins. Do not use hand to hold in place as heat is given off during cure.
6. After 5 to 10 minutes, the epoxy will harden.
7. After 1 hour, material can be drilled, sanded, tapped, threaded, filed or painted.

For Cleanup

1. Cleanup must be completed before curing is

- complete. Use acetone or mineral spirits for cleanup.
2. Clean hands with Permatex® brand hand cleaners.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Epoxy and amine resins
Appearance	Blue-green outside, off white inside
Odor	Slight amine
Specific Gravity (mixed)	1.9
Flash Point, TCC, °F	>500
Mix Ratio	1:1

TYPICAL CURING PERFORMANCE

Permatex® PermaPoxy™ Plastic & Fiberglass Stick has a set up time of 4 to 6 minutes, fixture time of 10 to 15 minutes with a full cure in 16 hours.

TYPICAL ENVIRONMENTAL RESISTANCE

Temperature Resistance	Typical Values
Continuous, °F Maximum	-60 to 300
Intermittent, °F Maximum	+350

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

ORDERING INFORMATION

Part Number	Container Size
84315	2 oz. PermaPoxy™ Plastic & Fiberglass Stick, w/vial, carded

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOTE

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