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Adhesive and Sculpting EPOXY PUTTY PASTE

Product Data Sheet

EPOXY PUTTY PASTE was developed to fill voids, bond, seal, and repair most materials and is able to adhere to various substrates, i.e., Styrofoam, urethane foam wood, metal, stone, resin and porous materials. It works well as a sculpting medium for artists, sculptors, and modelers. Once cured, it can be carved, sanded, and drilled. This material has a 90 minute work time in 1/8" thickness. Epoxy adhesives have great adhesion to most surfaces and work well in various environments where temperature or chemical resistance is a concern.

Available Sizes: Pint Kit (2lbs) Qrt Kit (4lbs) Gal Kit (16lbs) 5Gal Kit (80lbs)

Mix Ratio:		1 to 1 (by Weight or Volume)
Epoxy Color:	Base-A	Grey
	Hardener-B	Tan
Mixed Color:		Grey paste
Viscosity:		Heavy paste
Specific Gravity:		1.37
Work Time:		90 Minutes (100 Gram Mix)
Cure Time:		1216 Hours with semi-gloss finish (<i>Full Cure 12-16 Hours</i>)
Cure Range:		45F to Ambient
Service Temperature Range:		20 F to 200F

Mix and Use Instructions:

Pre mix components if necessary. Mix material together by weight or volume as accurately as possible avoiding color streaks—material should be uniform in color when thoroughly mixed. Epoxy Putty Paste can be feathered (smoothed out) with a tool or rubbing alcohol prior to cure. Additional layers can be added within 30-40 minutes. Epoxy will cure in 12-16 hours and is able to be sanded and painted. Applying heat will expedite cure, i.e. using a hair dryer or heat gun. Low temperatures will slow curing time and extend the demold time. Surfaces of non-porous materials may require sanding or a solvent wipe for best adhesion. When applying in cold weather, epoxy can be warmed in a hot water bath (place unmixed containers in a plastic bag first and allow 15 minutes for hot water to heat up materials) prior to mixing. Preheating the surface of materials may also help for proper cure when working in cold weather conditions. Call for more technical advice if necessary (See MSDS for material information).

Handling and Storage:

Use rubber or plastic gloves and avoid contact with skin. Keep material sealed when not in use. Epoxy has a long storage shelf-life and is not a regulated hazardous material.

Storage/Shelf Life

A and B components must be stored in their original, unopened containers at temperatures between 70F and 90F. Keep material sealed when not in use and out of direct sunlight or heat. Shelf life of materials when kept in unopened sealed containers, at the recommended storage conditions, is 6 months.

THE INFORMATION AND DATA CONTAINED HEREIN ARE BASED ON INFORMATION WE BELIEVE RELIABLE. EACH USER OF THE MATERIAL SHOULD THOROUGHLY TEST APPLICATION, AND INDEPENDENTLY CONCLUDE SATISFACTORY PERFORMANCE BEFORE COMMERCIALIZING. SUGGESTIONS OF USES SHOULD NOT BE TAKEN AS INDUCEMENTS TO INFRINGE ON ANY PARTICULAR PATENT.