LOCTITE

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Product Description Sheet
Fixmaster® Fast Cure Poxy Pak™ Epoxy

Maintenance, Repair & Operations, December 2008

PRODUCT DESCRIPTION

LOCTITE® Fixmaster® Fast Cure Poxy Pak™ Epoxy is a 2-component, room temperature curing epoxy adhesive used for high strength, permanent bonding of metals, ceramics, concrete, wood, glass and most plastics. This product can withstand temperatures up to 300ºF (149ºC).

PRODUCT FEATURES

- Premeasured resin and hardener for easy application, consistent strength and time savings - no waste, no mess, no clumping.
- Bonds virtually any material.
- Repair, fill and seal holes, cracks and worn surfaces.
- May be drilled, tapped, sanded, or machined and painted after cure.

SPECIAL FEATURES

This fast cure, high strength. thick liquid reaches handling strength in 4 to 6 minutes, fully cures in 45 to 60 minutes and is easy to use in a syringe applicator.

TYPICAL APPLICATIONS

Production, maintenance and prototype bonding of metals, ceramics, concrete, wood, glass and most plastics. Not recommended for polyethylene and polypropylene.

DIRECTIONS FOR USE

1. For best adhesion, clean and roughen surfaces prior to application
2. Snip syringe tips.
3. Dispense epoxy and mix thoroughly with stick provided.
4. Apply epoxy to one surface and assemble parts.
5. Remove excess adhesive at once.
6. Detach black cap from syringe handle and place on syringe tips.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Epoxy and resin
Appearance	Clear water white to amber liquid
Odor	Mild
Specific Gravity	1.13 - 1.17
Flash Point, TCC, ºF (ºC)	>200 (>93)

PROPERTIES OF CURED MATERIAL

	Typical Value
Appearance	Translucent
Shear Strength, ASTM D 1002, psi	2,300

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).

Where aqueous washing systems are used to clean the surfaces before bonding, it is important to check for compatibility of the washing solution with the adhesive. In some cases these aqueous washes can affect the cure and performance of the adhesive.

This product is not normally recommended for use on plastics (particularly thermoplastic materials where stress cracking of the plastic could result). Users are recommended to confirm compatibility of the product with such substrates.

Storage

Product 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. For further specific shelf life information, contact your local Technical Service Center.

Data Ranges

The data contained herein may be reported as a typical value and/or range. Values are based on actual test data and are verified on a periodic basis.

Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Loctite Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loctite Corporation's products. Loctite Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Loctite Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

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PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.
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