

STAR Technology

FORMULATING • INNOVATIVE • SOLUTIONS

ER4100

Two Part Brush-On Epoxy

DESCRIPTION:

Two part epoxy designed for use as an electrical general purpose brush-on compound ideal for general maintenance. ER4100 is available in pre-measured kits of 1 pound, 2 pound and 100 grams. ER4100 is also available in larger pail and drum kits. Material brushes on with ease and has a fast room temperature cure in thin films. The cured material shows excellent resistance to a variety of chemicals including water, alkali, hydrocarbons, glycol ethers, ketones, detergents, and chlorinated hydrocarbon solvents.

BENEFITS:

Available in Pre-measured kits
Class H temperature use

Excellent Coverage
Excellent Chemical Resistance

TYPICAL PROPERTIES (cured 7 Days at 75°F)

	<u>TEST METHOD</u>	<u>VALUE</u>
Mix Ratio, Resin to Hardener (by weight):		100:8
Viscosity (centipoise)	ASTM D2393	
Part A:		Thixotropic Paste
Part B:		20
Density (g/cc)	ASTM D1475	
Part A:		1.47
Part B:		0.98
Mixed:		1.43
Color		
Part A:		Red
Part B:		Light Straw
Pot Life: 100 grams at 75°F (minutes):	ASTM D2471	45
Shore Hardness (D)	ASTM D2240	80

To the best of our knowledge, the information contained herein is accurate. However, STAR TECHNOLOGY, Inc., does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. The information contained herein is considered typical properties and is not intended to be used as specifications for our products. This information is offered solely to assist purchaser in selecting the appropriate products for purchaser's own testing. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein and in the material safety data sheet, we cannot guarantee that these are the only hazards that exist. Repeated and prolonged exposure to epoxy resins can cause sensitization or other allergic responses.



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APPLICATION PROCEDURES

Carefully weigh out appropriate amounts of resin and hardener into a clean mixing container and thoroughly mix until all streaks and striations are gone. Scrape the sides and bottom frequently to ensure complete mixing.

CAUTION: Unmixed compound from the sides or bottom of the container can cause soft spots or uncured areas in the completed piece. To prevent this, transfer the entire mixed contents to a second clean container and remix for a short time before using.

PRECAUTIONS

For industrial use only. Keep away from children.

Refer to the Material Safety Data Sheets (MSDS forms) pertaining to this product before using.

Avoid contact with skin or eyes. In the event of an eye splash or contact, immediately flush with cold water for 15 minutes and contact a physician. If skin contact occurs, wash with mild soap and water. The wearing of safety glasses with side shields and impervious gloves is recommended.

RESIN AND HARDENER WARNING STATEMENT

May cause allergic skin reaction. Avoid all contact with skin, eyes, and clothing. Wash thoroughly after handling.

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