

PLASTIC WELD EPOXY PART NO. 143340

PHYSICAL PROPERTIES

Liquid

Appearance	Cream colored
Viscosity	50,000 cPs
Flash Point.....	51°F
Gap Fill.....	0.125"
Toxicity	Low to moderate; see SDS
Mix Ratio	1:1
Working Time	4 to 6 minutes
Fixture Time	12 to 15 min after assembly
Shelf Life	6 months unopened
RoHS-Compliant.....	No

Polymer (Cured)

Shore D Hardness	65 to 70
Tensile Shear Strength.....	4000 psi
Thermal Service Range	-67°F to 250°F
Elongation	5 to 15%
Chemical Resistance	Very good



DESCRIPTION

Dynatex® Plastic Weld Epoxy is methacrylate-based structural adhesive designed for bonding engineered thermoplastics, thermosets, composites, nylon, e-coat and metal together in any combination. *Dynatex® Plastic Weld Epoxy* has exceptional durability and environmental resistance. It requires minimal surface preparation and does not require priming. Fast curing product with gelling of mixed adhesive in 5 to 6 minutes and fixturing in 9 to 10 minutes. Bonds hard and soft plastics to specified surfaces. **NOTE:** will not bond most polyethylene or polypropylene plastics.

FEATURES

- No priming needed
- Minimal surface prep
- Set time – 5 minutes
- Exceptional durability and environmental resistance
- Water resistant
- Operating temperature -67°F to 250°F

TYPICAL APPLICATIONS

To bond rigid materials including:

- Engineered thermoplastics
- Thermosets
- Composites
- Nylon
- E-coat
- Acrylic
- Styrene
- PVC

Packaging

Colors: Cream colored
Size: 25ml Syringe Carded

GENERAL INSTRUCTIONS

Dynatex® Plastic Weld Epoxy is a 1:1 meter-mix product for ease of application. Because of its excellent adhesion properties, it can be used on as received metal surfaces, including aluminum, stainless and plated steels and forms tough, high strength bonds without surface preparation.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® Plastic Weld Epoxy* has a shelf life of 12 months from date of shipment.

In Countries where high heat and humidity are a factor, special precautions must be taken. Store product in a covered, well-ventilated warehouse and avoid excessive heat conditions. Storage in high heat, high humidity conditions may reduce shelf life by up to 30%. Rotation of stock is an absolute necessity. Cartons should always be stacked upright. DO NOT stack cartons on their side. **NEVER** stack cartons more than 8 high. DO NOT store within 1 meter (4 feet) of roofline of the warehouse or storage building.

USERS PLEASE READ

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used requires government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

Non-warranty: Because the storage, handling and application of the material is beyond Dynatex control, we can accept no liability for the results obtained. Dynatex sole limited warranty is the product meets the manufacturing specifications in effect at time of shipment. There is no warranty of merchantability or fitness for use, nor any other express or implied warranty. Dynatex will not be liable for incidental or consequential damages of any kind. The exclusive remedy for breach of such limited warranty is a refund of purchase price or replacement of any product shown to be other than as warranted.

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