

4 MINUTE EPOXY CLEAR PART NO. 143416

PHYSICAL PROPERTIES

Resin

Appearance Clear, slight haze
Viscosity @ 25°C, cP 11,000 to 14,000
Color, Gardner, max 1
Epoxy Value, eq/kg 5.2 to 5.5
Epoxy equivalent, g/eq 182 to 192
Density @ 25°C, g/cm³ 1.15 to 1.18
Flash Point, closed cup, °C (°F) 254 (490)

Hardener

Color, Gardner 1.2 max
Gel Time, Minutes @ 25°C 2 to 4
Viscosity, Brookfield, cP @ 25°C... 10,000 - 16,000
Moisture, Dean Stark, Wt% 0.3 max.
Spec Gravity @ 25°C 1.12
Flash Point..... >200°F



DESCRIPTION

Dynatex® 4 Minute Epoxy Clear is an industrial grade adhesive that permanently bonds and repairs with a working time of 60 minutes. It chemically welds, fills and seals most metals. *Dynatex® Multi Metal Epoxy* has an extended pot life for prolonged handling time. Repairs steel, iron, brass and copper while being resistant to gasoline, antifreeze and most solvents. It can be drilled, threaded and machined once fully cured.

FEATURES

- Excellent chemical resistance
- Good heat resistance
- Excellent adhesion
- Outstanding versatility
- Easy to cure with a variety of different type hardeners
- Compatible with many different fillers, diluents, and accelerators
- Conforms to FDA listings in 21 CFR 175.300
- Operating temperature -40°F to 200°F

TYPICAL APPLICATIONS

To bond rigid materials including:

- Aluminum
- Chrome
- Copper
- Iron
- Steel
- Stainless steel
- Zinc

Packaging

Colors: clear, slight haze
Size: (2) 1 Oz Tubes Carded

GENERAL INSTRUCTIONS

Surfaces to be bonded must be clean, dry and free of other contaminants. Measure out equal amounts of parts A and B and stir until homogenous or use a static mixing nozzle. Apply the uniform mixture to both surfaces. An optimum bond line is 5 mils.

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® 4 Minute Epoxy Clear* 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.

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