

MULTI METAL EPOXY PART NO. 143339

PHYSICAL PROPERTIES

Liquid

Appearance	Brown (mixed)
Viscosity	100,000 to 175,000 cPs
Odor	Mild
Specific Gravity	1.68
Shelf Life	12 months unopened
RoHS-Compliant	Yes

Curing Properties

Open Time.....	45 to 75 mins
Fixture Time	75 to 90 mins
Full Cure Time @ Room Temp.....	24 hours
Full Cure Time @ 66°C	6 hours

Polymer (Solid)

Shore Hardness.....	80D
Operating Temperature	-40°F to 200 °F
Elongation	n/a
Tg.....	n/a



DESCRIPTION

Dynatex® Multi Metal Epoxy 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

- Will not shrink
- No clamping needed
- Non-flammable
- Impact resistant
- Water resistant
- Eliminates need for welding
- Fills gaps
- Operating temperature -40°F to 200°F

TYPICAL APPLICATIONS

To bond rigid materials including:

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

Packaging

Colors: Dark brown
Size: 25ml Syringe 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.

PERFORMANCE RESULTS

Substrate	N/mm ²	PSI
CRS, abraded	16.5	2400
2024-T3 Aluminum, Acid etched	17.9	2600
SS 304, abraded	17.9	2600
Electrogalvanized Steel IPA wipe	15.9	2300
ABS, IPA wipe	4.3	630
PVC, IPA wipe	material failure	material failure
Brass, abraded	14.5	2100
Copper, abraded	10.3	1500

STORAGE AND SHELF LIFE

When stored in the original unopened containers at or below 90°F (32°C), *Dynatex® Multi Metal 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.

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