

## ERISYS® GA-240 Tetraglycidyl meta-Xylenediamine

### Product Description

ERISYS® GA-240 resin is a tetrafunctional epoxy resin based on meta-Xylenediamine. The product is a nitrogen-containing, highly-reactive resin with a very low viscosity. Due to its high epoxy functionality, cured formulations containing ERISYS® GA-240 resin will possess high cross-link density. This resin is, therefore, suggested for use in applications where high-temperature resistance is required. ERISYS® GA-240-containing formulations are also expected to possess excellent chemical resistance and high modulus. ERISYS® GA-240 resin can be used as the sole resin in a formulation or it can be used as a reactive additive to lower the viscosity and/or improve the cured properties of other epoxy resins.

ERISYS® GA-240 resin has a limited room-temperature shelf life. The resin should be kept cool, preferably <50 °F when storage of more than three months or hot summer conditions are expected.

### Applications

- Chemical-resistant coatings
- Laminating
- Composites
- Adhesives
- Filament winding
- Viscosity reducer for high-viscosity epoxy resins
- Adhesives
- Bridge decking compounds
- Joint sealants

### Typical Properties

Property	ERISYS® GA-240
Appearance	Clear Liquid
Viscosity at 25°C, cP	1,600 – 3,000
Epoxide Equivalent Weight, g/eq	95 – 110
Gardner Color, max	5
Residual Epichlorohydrin, max ppm	10
Specific Gravity at 77°F (25 °C)	1.14 – 1.16
Flash Point, COC, °F (°C)	>420 (>232)

### Storage

**ERISYS GA-240®** resin should be stored in a dry place, in the sealed original containers, at temperatures between **+2C and +8C (+35.6°F and 46.4°F)**. Under these storage conditions, the products have a shelf life of **6 months** (from date of manufacture). The products should not be exposed to direct sunlight.

### Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest SDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

#### First Aid!

Refer to SDS as mentioned above.

**KEEP OUT OF REACH OF CHILDREN**

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#### Customer Support Center:

**Huntsman Corporation**  
10003 Woodloch Forest Dr  
The Woodlands, TX 77380  
Tel: +1 (888) 564-9318  
Fax: +1 (281) 719-6416  
[www.huntsman.com](http://www.huntsman.com)