

ERISYS™ GA-240

Tetraglycidyl meta-Xylenediamine

CAS NO. 63738-22-7

DESCRIPTION

ERISYS GA-240 is a tetrafunctional epoxy resin based on meta-Xylenediamine. GA-240 is a nitrogen containing highly reactive resin with a very low viscosity. Due to its high epoxy functionality, cured formulations containing GA-240 will possess high cross-link densities. This resin is, therefore, suggested for use in applications where high temperature resistance is required. GA-240 containing formulations are also expected to possess excellent chemical resistance and high modulus. ERISYS GA-240 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 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

TYPICAL PROPERTIES

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

HEALTH & SAFETY PRECAUTIONS

ERISYS GA-240 is not a primary skin irritant or sensitizer. However, as with any epoxy material, irritation can result from repeated or prolonged contact. The symptoms of this irritation may appear as a mild reddening or a more pronounced rash. It is, therefore, important to avoid skin contact where possible. Butyl rubber gloves, full eye protection and protective clothing are recommended.

Refer to **CVC Thermoset Specialties** Material Safety Data Sheet on ERISYS GA-240 for additional safety and health information. The MSDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

ERISYS GA-240 is available in 55 gal. non-returnable steel drums (net weight 500 lbs.) and 5 gal. plastic pails (45 lbs. net). Bulk shipments are available with adequate lead-time. Check with your local sales representative for the shipping location nearest you.



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ERISYS™ GA-240

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