CVC Thermoset Specialties

An Emerald Performance Materials Company

TECHNICAL BULLETIN

ERISYS® GE-60

Sorbitol Glycidyl Ether - Aliphatic Polyfunctional Epoxy Resin

CAS NO. 68412-01-1

DESCRIPTION

ERISYS GE-60, epoxidized sorbitol, is an aliphatic multifunctional epoxy resin. This resin will impart both higher reactivity and crosslink density to epoxy resin formulations.

Additionally, ERISYS GE-60 can be used to crosslink acid functional polyurethane and acrylic resins for improved chemical resistance in light stable coatings.

APPLICATIONS

- ❑ Crosslinker for Acrylic and Polyurethane Resins
- ❑ Accelerator for Epoxy Resins

TYPICAL PROPERTIES

Appearance	Clear, Clean
Viscosity @ 25°C, cps	8,000 – 18,000
Epoxide Equivalent Weight, g/eq	160 - 195
Gardner Color, max	7
Residual Epichlorohydrin, max ppm	50
Hydrolyzable Chloride, max %	0.50
Weight per Gallon, @ 25°C lbs.	10.7 ± 0.1
Flash Point, °C (°F)	>160 (>320)

HEALTH & SAFETY PRECAUTIONS

ERISYS GE-60 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** Safety Data Sheet on ERISYS GE-60 for additional safety and health information. The SDS is revised as new data becomes available.

PACKAGING & AVAILABILITY

ERISYS GE-60 is available in 55 gal. non-returnable steel drums (net weight 480 lbs.) and 5 gal. plastic pails (45 lbs. net). Bulk shipments are available with adequate lead-time. Drum inventory is available at most CVC regional warehouses. Check with your local sales representative for the shipping location nearest you.

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