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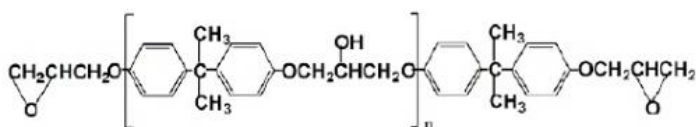
Technical Data Sheet

Glyether® Resin EJ-8128 Bisphenol-A diglycidyl Ether

Introduction

Glyether® Resin EJ-8128 epoxy resin is a low molecular weight general standard liquid reaction product of epichlorohydrin and bisphenol A. Glyether® Resin EJ-8128 epoxy resin is a standard, low molecular weight, liquid epoxy resin designed for use in applications where cure must be achieved at room temperature. Glyether® Resin EJ-8128 epoxy resin can be an excellent base for the formulation of high quality chemical resistant coatings, when cured with polyamine or polyamide curing agents. Glyether® Resin EJ-8128 epoxy resin is also widely used for glass sizing applications. Glyether® Resin EJ-8128 can also be used as a complimentary epoxy resin in non-epoxy coating systems to improve resistance properties. Glyether® Resin EJ-8128 is used for its application or end-use advantages in both structural and surface-coating applications as follows:
Structural applications, Surface coatings and etc.

Chemical Structure



General Properties

Appearance		Clear liquid
Color*1		100 max
Epoxy Equivalent Weight	(g/eq)	184 - 190-
Total Chlorine content	(ppm)	1000 max
Viscosity	(cps @ 25°C)	11500 - 13500
Specific gravity	(25°C)	1.17
Shelf Life	(month)	24

Characteristics

- ◆ Chemical resistance
- ◆ Durability
- ◆ High adhesive.
- ◆ Toughness
- ◆ Good Flexibility.
- ◆ Chemical resistance

Usage

- ◆ Constructions and Coatings
- ◆ Filament winding
- ◆ Use of automobile high glossy clear coating.
- ◆ Transfer molding compounds

Handling & Storage

Handling

When handling, do not eat, drink, or smoke. Avoid contact with eyes. Avoid contact with skin. Spraying increases the risk of hazardous exposure. In atmos-pheres where the material is sprayed, workers should avoid contact with aerosols containing Glyether® Resin EJ-8128 through proper engineering controls, such as exhaust ventilation. Wear goggles and face shield. Do not get into the eyes.

Storage

Keep away from: acids, alkalis, oxidizers. Keep in cool, dry, ventilate storage and in closed containers. Store in steel containers preferably located outdoors, above ground, and surrounded by dikes to contain spills or leaks. Keep container tightly closed and dry. Keep away from open flames, high temperature and the direct rays of the sun.