

Technical Product Bulletin

D.E.R 736

PRODUCT DESCRIPTION

D.E.R.® 736 Epoxy Resin is a flexible, low viscosity, light color resin for use in coatings and adhesives. It imparts flexibility and elongation and improves impact resistance in a variety of applications which include automotive coatings, marine and protective coatings, water and solvent borne coatings and adhesives.

KEY SPECIFIED PROPERTIES

Appearance	Liquid
Color	Colorless
Odor	Ether-like
Dynamic Viscosity	30 - 60 cps @ 25 °C (77 °F)

TYPICAL PROPERTIES

Boiling Point	225 °C (437 °F)
Relative Density	1.14 @ 20 °C (68 °F) (water = 1)
Vapor Pressure	5.6 mmHg @ 20 °C (68 °F)
Flash Point	160 °C (320 °F) Method: ASTM D 93

Note: The substance or mixture is not classified as oxidizing. Not intended for use in medical applications or direct food contact.

FEATURES & BENEFITS

- Flexible
- Low viscosity
- Improves impact resistance
- Imparts elongation

APPLICATIONS

- Water-borne coatings
- Solvent-borne coatings
- Adhesives
- Casting and Tooling
- Civil engineering
- Automotive coatings
- Marine and protective coatings
- Potting and encapsulation

GENERAL INFORMATION

Supplier: Blue Cube Operations Llc

CAS Number: 41638-13-5

Synonyms: Dipropylene Glycol Diglycidyl Ether, Dipropylene Glycol DGE, Polypropylene Glycol Diglycidyl Ether

Grade: Technical

Product No: 16133117 (Retired No: 759434)

For safe handling information on this product, consult the Safety Data Sheet (SDS).

Data Sheets: [TDS](#) | [MSDS available upon request.](#)