

# Technical Data Sheet

## EPIKOTE™ Resin 828

### Product Description

EPIKOTE™ Resin 828 is an undiluted clear difunctional bisphenol A/epichlorohydrin derived liquid epoxy resin. When cross-linked or hardened with appropriate curing agents, very good mechanical, adhesive, dielectric and chemical resistance properties are obtained. Because of this versatility, EPIKOTE Resin 828 has become a standard epoxy resin used in formulation, fabrication and fusion technology

### Application Areas/Suggested Uses

Compositions for the building and civil engineering industries, e.g. flooring compounds, adhesives, mortars and grouts. Laminating binders. Solvent-free and high-solids coatings.

### Benefits

- Fiber reinforced pipes, tanks and composites
- Tooling, casting and molding compounds
- Construction, electrical and aerospace adhesives
- High solids/low VOC maintenance and marine coatings
- Electrical encapsulations and laminates
- Chemical resistant tank linings, flooring and grouts
- Base resin for epoxy fusion technology
- Imparts good mechanical performance

### Sales Specification

Property	Value	Units	Test Method/Standard
Viscosity @25	11000 – 15000	mPa.s	ASTM D 445
Color, Gardner	0.5 max.	G	ASTM D 1544
Epoxy equivalent weight	184 – 194	g/eq	ASTM D 1652

### Typical Properties

Property	Value	Units	Test Method/Standard
Appearance	Liquid	-	Visual

**EPIKOTE Resin 828**

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Density at 25°C	1.16	g/cm <sup>3</sup>	ASTM D 4052
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### Safety, Storage & Handling

Please refer to the MSDS for the most current Safety and Handling information.

Please refer to the Westlake Epoxy web site for Shelf Life (3 year) and recommended Storage information.

Exposure to these materials should be minimized and avoided, if feasible, through the observance of proper precautions, use of appropriate engineering controls and proper personal protective clothing and equipment, and adherence to proper handling procedures. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheet (MSDS) for these and all other products being used are understood by all persons who will work with them. Questions and requests for information on Westlake epoxy Inc. ("Westlake epoxy ") products should be directed to your Westlake epoxy sales representative, or the nearest Westlake epoxy sales office. Information and MSDSs on non- Westlake epoxy products should be obtained from the respective manufacturer.

### Packaging

Available in 200kg steel drum

### Contact information

For product prices, availability, or order placement, please contact customer service:  
[www.westlakeepoxy.com/contact-us](http://www.westlakeepoxy.com/contact-us)

For literature and technical assistance, visit our website : [www.westlakeepoxy.com](http://www.westlakeepoxy.com)