

D.E.R.™ 317

Please use this Technical Data Sheet (TDS) in conjunction with this product's country-specific Safety Data Sheet (SDS) and the Safe Use conditions as described therein. Current Safety Data Sheets can be requested from Olin at info@olinbc.com

Description D.E.R.™ 317 Liquid Epoxy Resin is a high viscosity modified reaction product of epichlorohydrin and bisphenol A.

D.E.R. 317 Epoxy Resin is a high viscosity, fast reacting (20% faster than D.E.R.™ 331™ Liquid Epoxy Resin) designed for adhesives applications requiring quick gelling with amine curing agents. D.E.R. 317 Epoxy Resin can be used alone or in combination with other liquid epoxy resins to tailor cure and performance properties.

A broad range of curing agents is available to cure this resin at ambient temperatures. The most frequently used curing agents are aliphatic and cycloaliphatic polyamines, polyamides, and modified versions of these. Curing may also be done at an elevated temperature to improve selected properties such as chemical resistance and glass transition temperature. Elevated temperature cure is necessary and post-cure is required to develop full end properties if anhydride or catalytic agents are employed.

Applications

- Adhesives
- Industrial Coatings: Marine and Protective

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
EEW	192 to 203 g/eq	192 to 203 g/eq	ASTM D1652
Viscosity, absolute (77°F (25°C))	16000 to 25000 mPa·s	16000 to 25000 mPa·s	ASTM D445
Colour (Max. Gardner)	5	5	ASTM D1544
Density (77°F (25°C))	1.14 g/cm ³	1.14 g/cm ³	ASTM D4052

Notes

These are typical properties only and are not to be construed as specifications. Users should confirm results by their own tests.

¹ Typical properties: these are not to be construed as specifications.

Product Stewardship

Olin Corporation has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis of our Product Stewardship philosophy by which we assess the health and environmental information on our products and then take the appropriate steps to protect employee and public health and the environment.

Olin encourages its customers and potential users of Olin products to review their applications for such products from the standpoint of human health and environmental quality. To help ensure that Olin products are not used in ways for which they were not intended or tested, Olin personnel are available to assist customers in dealing with ecological and product safety considerations. Your Olin sales representative can arrange for the proper contacts.

Regulatory Datasheets (RDS)

Olin Corporation provides information on the regulatory status of its products under prominent regulatory programs in the Regulatory Datasheet (RDS). Regulatory Datasheets can be requested from Olin at info@olinbc.com

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