

D.E.R.™ 917

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.™ 917 Epoxy Resin is a modified, liquid bisphenol A based epoxy resin emulsified in water.

Benefits D.E.R.™ 917 consists of D.E.R.™ 331 emulsified in water. D.E.R.™ 917 offers low average particle size and narrow particle size distribution which allows good storage stability and excellent film formation without any solvents and/or diluents. D.E.R.™ 917 is fully reactive and free of any solvents and/or reactive diluent.

D.E.R.™ 917 is designed for use in water-thinned, two-pack systems. These systems, used mainly for coatings, are an alternative to solvent-borne or solvent-free polyamide-cured coatings based on low molecular weight epoxy resins.

Aqueous epoxy binder systems are used in paints for coating steel in confined spaces, marine paints, protective coatings that can be applied to damp surfaces such as concrete or other non-metallic substrates, water-based mortars, patching compounds, cementitious floorings and for waterproofing structures to improve chemical resistance and upgrade overall performance.

- Applications**
- Building & Civil Engineering: Mortars & Grouts
 - Building & Civil Engineering: Primers & Impregnation
 - Building & Civil Engineering: Roller Coating Flooring
 - Building & Civil Engineering: Self-leveling Flooring
 - Industrial Coatings: Marine and Protective

Properties	Nominal Value (English)	Nominal Value (SI)	Test Method
EEW (Based on solids)	193 to 204 g/eq	193 to 204 g/eq	ASTM D1652
Viscosity, absolute (77°F (25°C))	3000 to 9000 mPa·s	3000 to 9000 mPa·s	ASTM D2196
Solids Content	63 to 65 %	63 to 65 %	ASTM D2369

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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