

## D.E.R.™ 916

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](mailto:info@olinbc.com)

**Description** D.E.R.™ 916 Epoxy Resin is a modified, semi-solid, epoxy novolac resin emulsified in water.

**Benefits** D.E.R.™ 916 Epoxy Novolac Emulsion consists of D.E.N.™ 438™ Epoxy Novolac Resin emulsified in water. D.E.R.™ 916 offers low average particle size and narrow particle size distribution which allows good storage stability and excellent film formation without solvents and/or diluents. The resin has an average epoxy functionality of 3.6. This emulsion is designed for use in two-pack, epoxy binder systems thinned with water for high performance, highly chemically resistant coatings. These systems, used mainly for coatings, are an alternative to equivalent solvent-borne polyamide/polyaminecured coatings when high solvent content is undesirable.

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 water-proofing 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)	184 to 204 g/eq	184 to 204 g/eq	ASTM D1652
Viscosity, absolute (77°F (25°C))	5000 to 10000 mPa·s	5000 to 10000 mPa·s	ASTM D2196
Solids Content	57 to 59 %	57 to 59 %	ASTM D2369

### Notes

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

<sup>1</sup> 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](mailto:info@olinbc.com)

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