



D.E.R.™ 917 Epoxy Resin

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
 - Industrial Coatings: Marine and Protective

Dow Epoxy	Nominal Value	Unit	Test Method
EEW	193 to 204	g/eq	ASTM D1652
Viscosity, absolute (25°C)	3000 to 9000	mPa·s	ASTM D2196
Solids Content	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.

Safety Considerations

The Dow Chemical Company provides its customers with a product specific Material Safety Data Sheet (MSDS) or Safety Data Sheet (SDS) to cover potential health effects, safe handling, storage, use and disposal information. Dow strongly encourages its customers to review the MSDS or SDS on its products and other materials prior to their use.

For further handling information, consult the Dow brochure entitled, DOW Epoxy Curing Agents Product Stewardship Manual, Safe Handling and Storage, Form No. 296-01331 and the Dow technical bulletin, Product Coding, Shelf-life and Storage Stability, Form No. 296-01657.

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- use as a critical component in medical devices that support or sustain human life; or
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