

D.E.R.™ 721

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.™ 721 is an aliphatic liquid epoxy resin based on a reaction product of epichlorohydrin and C12-C14 alcohol.

Benefits D.E.R.™ 721 is an aliphatic reactive diluent designed as modifier for other aromatic epoxy resin systems and can be blended with them in any ratio in order to tailor system performance. The reactive diluent will significantly lower surface tension of standard aromatic liquid epoxy resins which will result in excellent surface wetting, adhesion and lower viscosity at given filler loading. The aliphatic chain reactive diluent typically increases pot life as well as flexibility (impact resistance). Although the reactive diluent limits the solvent resistance somewhat, acid resistance is improved.

Applications

- Adhesives
- Building & Civil Engineering: Chemical Anchoring
- Building & Civil Engineering: Crack Injection
- Building & Civil Engineering: Mortars & Grouts
- Building & Civil Engineering: Primers & Impregnation
- Building & Civil Engineering: Roller Coating Flooring
- Building & Civil Engineering: Self-leveling Flooring
- Castings / Potting / Encapsulation / Tooling
- Composites

Properties	Nominal Value	Unit	Test Method
EEW	285 to 310	g/eq	ASTM D1652
Viscosity, absolute (77°F)	5.0 to 10	mPa·s	ASTM D445
Colour (Max. Pt-Co., Solution)	50		ASTM D1209
Hydrolyzable Chloride	1000	ppm	ASTM D1726

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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