

# Razeen® LR 2280

## Unmodified liquid Epoxy Resin



**General** Razeen® LR 2280 is a viscous to highly viscous unmodified epoxy resin based on Bisphenol A.

**Applications** Razeen® LR 2280 can be cured with polyamines, polyamidoamines or their adducts for ambient curing, low-solvent two component anticorrosion coatings or “high-solids” spray applied sealer lacquers.

The modification of oil-free polyester or acrylic resins to enhance the adhesive properties and chemical resistance of primers and finishing paints for metal substrates.

**Properties** Outstanding mechanical properties and chemical resistance, actual performance depending on the hardener used or the binders with which it is used.

Specific key data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 001
	Color, APHA*	100 max	ASTM D-1209
	Epoxy value	3.57 - 4.45 eq/Kg	ASTM D-1652
	Weight per epoxide	225 - 280 g/eq	ASTM D-1652
	Viscosity at 25 °C (77 °F)*	450 - 700 mPa.s	ISO 12058-1

\*70% in butyl carbitol

Specific key data are individually checked, guaranteed, and included in the certificates of analysis.

Typical Key Data	Property	Value	Test method
	Density at 25°C	1.12 g/cm <sup>3</sup>	ISO 1675
	Flash point	≥ 100 °C	ISO 2719

Typical key data are spot-checked; the values are typical for the product and are indicated for information only. The values are not included in certificate of analysis.

As-supplied form	Highly viscous liquid
Odor	Yes
Shelf life (at storage temperature between 2- 40°C) (See expiry date on original container)	Several years
Hazardous decomposition products (When disposed of in fire)	Carbon monoxide, carbon dioxide and other toxic gases and vapors.
Disposal	Regular procedures approved by local authorities

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**Packaging and Storage** Razeen® LR 2280 is supplied in 220 kg steel drums. This product has a minimum shelf life of four years when stored in unopened sealed containers in a dry location at room temperature.

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**Handling/Safety  
Precautions**

**Warning: Causes irritation.**

**May cause allergic skin reaction.**

Avoid contact with eyes, skin or clothing.

Avoid breathing vapor, mist or spray.

Use with adequate ventilation.

Promptly remove wet, contaminated clothing and wash before reuse.

Wash after handling.

Store in a cool, dry area in closed containers.

***Please read Material Safety Data Sheet before using.***

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**Note**

Razeen® is a registered trademark of JANA or an affiliate thereof.

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