

# Razeen® SL 4171 X 75

## Epoxy Resin Solution



**General** Razeen® SL 4171 X 75 is a typical type 1 epoxy resin based on Bisphenol A as solvent cut 75% in Xylene. The resin is similar to solid resin Razeen® SR 5071.

**Applications** Razeen® SL 4171 X 75 is a good general purpose epoxy resin solution for use in combination with polyamines, polyamidoamines and mannich bases or their adducts to formulate ambient cure 2-pack coating systems. Main applications include:

- Primers (for steel, concrete and wood)
- Anti-corrosive primers (for metals and concrete)
- Zinc rich primers (for steel sacrificial liquid anode type)
- Top coat or clear lacquers (for metals, concrete or wood)
- Quick dry floor coatings and lacquers

**Properties** Razeen® SL 4171 X 75 formulated coatings give,

- Excellent adhesion
- Good mechanical properties
- Moderate to good resistance to chemicals
- Good salt water resistant
- Good corrosion resistance

Specific Key Data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 003
	Color (Gardner)	2 max	ASTM D-1544
	Epoxy Value	1.49 - 1.67 eq/Kg	ASTM D-1652
	Weight Per Epoxide	600 - 670 g/eq	ASTM D-1652
	Solid Content %	74 - 76%	JCTM 0097
	Viscosity at 25 °C (77 °F)	8000 - 12000 mPa.s	ISO 12058-1

*Specific key data are individually checked throughout, guaranteed and included in certificate of analysis.*

Typical Key Data	Property	Value	Test method
	Density at 25 °C	1.08 g/cm <sup>3</sup>	ISO 1675
	Flash point, closed cup	≥ 22 °C	DIN 53213

*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	Liquid
Odor	Yes (Xylene)
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® SL 4171 X 75 is supplied in bulk and in steel drum contains 210 Kgs. This product should be stored in a dry place, preferably in the sealed original containers, at temperatures between 2 and 40°C. The products should not be stored exposed to direct sunlight.

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**Handling/Safety Precautions** Mandatory and recommended industrial hygiene procedures should be followed whenever our products are being handled and processed. For additional information please consult the corresponding product safety data sheets.

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

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ISO 9001 : 2000



0010737-1044329

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