



Razeen[®] SR 5074

Solid "Type 5 ½" Epoxy Resin

General Razeen[®] SR 5074 is a medium molecular weight solid epoxy resin, particularly suitable for thick film powder coatings with excellent adhesion, chemical and impact resistance. It is also suitable for the formulation of powder coating with improved edge coverage when used in combination with "type 3" epoxy resins such as Razeen[®] SR 5013.

Chemical Description Unmodified Bisphenol A based solid epoxy resin.

Applications Industrial coatings requiring good chemical and mechanical resistance Pipe and rebar coatings.

- Advantages**
- Good flow
 - Excellent mechanical and electrical properties
 - Good corrosion resistance
 - Excellent adhesion
 - Excellent edge coverage

Specific Key Data	Property	Value	Test method
	Appearance	Clear, No contamination	JCTM 002
	Color, APHA	150 max	ASTM D-1209
	Epoxy value	0.0851 - 0.1065 eq/100g	ASTM D-1652
	Weight per epoxide	935 -1175 g/eq	ASTM D-1652
	Viscosity (ICI cone & plate @175°C)	3000 - 6000 mPa.s	ASTM D-4440

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

Typical Key Data	Property	Value
	Density @ 20 °C (68 °F)	1.19 g/cm ³ (9.9 lb/gal)
	Softening Point (Mettler)	97 - 110 °C

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

Packaging and Storage Razeen® SR 5074 is supplied in 25 Kg bags. This product has a minimum shelf life of 5 years when stored in a dry place at room temperature. If stored under warmer condition, sintering may occur.

Handling/Safety Precautions **Notice! Avoid dusty conditions.**
Use with good ventilation.
Avoid contact with eyes and skin.
Avoid breathing dust.
Wash after handling.
Wash contaminated clothing before reuse.

***Please read our Material Safety Data Sheet before Using.
For Industrial Use Only.***

First Aid ***In case of contact:***

Eyes : Promptly wash eyes with large amounts of water.
Skin : Wash with soap and water.
Inhalation : Remove to fresh air. Give oxygen if necessary.
Ingestion : Give water and get medical attention.

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

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