

Razeen® SR 5074

Solid Epoxy Resin



General	Unmodified Bisphenol A based solid epoxy resin from type 5½ “characterized by higher” melt viscosity.
Applications	Razeen® SR 5074 is a most suitable epoxy resin for the formulation of functional powder coating systems like pipe and rebar applications.
Advantages	Razeen® SR 5074 in combination with high reactive modified epoxy resin like Razeen® SR 5357 and various hardeners yield the following performance: <ul style="list-style-type: none"> • Excellent mechanical properties (adhesion, flexibility) • Good chemical and corrosion resistance • Good disbonding test • Excellent electrical properties

Specific Key Data	Property	Value	Test method
	Appearance	Clear, no contamination	JCTM 002
	Color, APHA	150 max	ASTM D-1209
	Epoxy value	0.85 - 1.07 eq/Kg	ASTM D-1652
	Weight per epoxide	935 -1175 g/eq	ASTM D-1652
	Viscosity at 25 °C (77 °F)*	900 - 1200 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
	Melt viscosity at 175°C	3000 - 6000 mPa.s	ASTM D-4440
	Softening point (Mettler)	97 - 110 °C	ASTM D-3461
	Density at 25 °C	1.19 g/cm ³	ISO 8130
	Flash point	≥ 200°C	ISO 2719

** 40% in butyl carbitol*

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	Flakes (5 mm sieve)
Odor	None
Self life (at storage temperature between 2-40°C) (See expiry date on original container)	6 years
Hazardous decomposition products (when disposed of in fire)	Carbon monoxide, carbon dioxide, nitrogen oxides and other toxic gases and vapors
Disposal	Regular procedures approved by local authorities

Package & Storage Razeen® SR 5074 is supplied in 25 Kg bags. This product has a minimum shelf life of 6 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.

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.

Jubail Chemical Industries Co. (JANA)
P.O Box 10661
Jubail Industrial city 31961
Kingdom of Saudi Arabia
Tel : +966 3 3585002
Fax : +966 3 3585113
Website : www.jana-ksa.net

ISO 9001 : 2000



0010737-1044329

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