

Razeen® SR 5014

Solid Epoxy Resin



General Razeen® SR 5014 is a fast reacting, medium melt viscosity solid epoxy resin designed for high performance powder applications.

Chemical Description Razeen® SR 5014 is a solid, unmodified epoxy resin based on bisphenol A.

Applications

- Coatings of components used in the chemical industry with high chemical and mechanical resistance.
- Coatings of complicated metal objects, e.g., wire mesh, coil springs, spinning bobbins, steel furniture, radiators, etc.
- Tube and pipe coatings
- Other conventional coating applications

Advantages

- Low melt viscosity
- Excellent mechanical and electrical properties
- Good corrosion resistance
- High gloss for decorative applications
- Excellent adhesion
- High filler loadings
- FDA regulated

Specific Key Data	Property	Value	Test method
	Appearance	Clear, No contamination	JCTM-002
	Color, APHA	50 Max	ASTM D-1209
	Epoxy value	0.1290 - 0.1379 eq/100g	ASTM D-1652
	Weight per epoxide	725 - 775 g/eq	ASTM D-1652
	Viscosity ICI cone & plate @150°C	3100 – 4700 mPa.s	ASTM D-4440

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

Typical Key Data	Property	Value
	Weight per gallon	9.9 lb avg.
	Volatile content	0.3 Max

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 5014 is supplied in 25 Kg bags. This product has a minimum shelf life of 4 years when stored in a dry place at room temperature. If stored under warmer conditions, sintering may occur.

Handling/Safety Precautions **Caution! Avoid dusty conditions.**
Use with good ventilation.
Avoid contact with eyes or prolonged contact with skin. Avoid breathing dust.
Store in cool, dry area.
Wash after handling.
Please read our Material Safety Data Sheet before Using.

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

Eyes : Flush eyes with plenty of water for at least 5 minutes.
Skin : Wash skin with plenty of soap and water. Remove contaminated clothing and wash before reuse.
Inhalation : Remove to fresh air, Give oxygen or artificial respiration if necessary.
Ingestion : If conscious, give plenty of water to drink. Call a physician.

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

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