


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC RD 131
Description

Epotec RD 131 is a medium viscosity polyglycerol based glycidyl ether. Epotec RD 131 is a trifunctional reactive diluent which can be cured by any epoxy curing agent.

Salient features

- Adhesion promoter

Applications

- Adhesion promoter for fiber preparation
- Sizing compositions for carbon fiber
- Reactive diluents for adhesive, coatings, potting and encapsulation

Specification

Appearance	Visual	Light yellow clear liquid
Colour	ASTM D 1544-04	1 G max.
Epoxy equivalent weight	ASTM D 1652-04	160 - 180 g/eq
Viscosity @ 25°C	ASTM D 2196-05	1,000 - 1,360 cP
Hydrolysable Chlorine	ASTM D 1726-03	0.3 % max.
Water content	ASTM E 203-01	0.1 % max.
Epichlorohydrin content	TEC-AS-P-023	10 ppm max.

Typical properties *

Epoxide value	ASTM D 1652-04	5.56 - 6.25 eq/kg
Density @ 25°C	ASTM D 1475-98	1.21 - 1.25 g/ml
Non-volatile content	ASTM D 1259-06	99.9 % min
Flash point	ASTM D 93	> 93 °C

* = Typical properties are indicated for information only

Packing

Epotec RD 131 is packed and delivered in steel drums, 200 kg per drum as a standard pack.

Storage

Epotec RD 131 reactive diluent should be stored in original tightly closed container, in dry and cool conditions. Under these conditions, it has a storage life of at least two years from the date of manufacturing.

Handling

Please refer to the MSDS of the product for more instructions on safe storage and handling of Epotec RD 131.

Disclaimer

All recommendations for use of our products whether given by us in writing, verbally or to be implied from the results of tests carried out by us are based on the current state of our knowledge. Although, the information contained in this sheet is accurate, no liability can be accepted in respect of such information. We warrant only that our product will meet the designated specifications and make no other warranty either express or implied, including any warranty of merchantability or fitness for a particular purpose as the conditions of application are beyond our control.

For Additional Information, Please Contact:

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