


Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)
EPOTEC RD 121
Description

Epotec reactive diluent RD 121 is a low colour di-epoxide based on dipropylene glycol. Epotec RD 121 is compatible with epoxy resins in all concentrations and the blends so prepared can be cured using normal curing agents employed for curing epoxy resin. Epotec RD 121 imparts flexibility, improve impact strength and increases elongation of the cured system.

Applications

- Adhesives
- Civil engineering applications
- Protective and marine coatings
- Composites

Specification

Appearance	Visual	Clear liquid
Colour	ASTM D 1544-04	0.5 G max.
Epoxy Equivalent weight	ASTM D 1652-04	165 – 180 g/eq
Viscosity @25°C	ASTM D 2196-05	15 – 30 cP
Hydrolysable Chlorine	ASTM D 1726-03	0.1 % max.
Water content	ASTM E 203-01	0.1 % max.

Typical properties *

Epoxide Value	ASTM D 1652-04	5.26 – 6.06
Density @25°C	ASTM D 1475-98	1.14 g/ml
ECH content	TEC-AS-P-023	10 ppm
Non-volatile content	ASTM D 1259-06	100 %
Flash point	ASTM D 93	160°C

* = Typical properties are indicated for information only

Packing Epotec RD 121 is packed and delivered in steel drums, 220 kg per drum as a standard pack.
Other packs are available on request.

Storage Epotec RD 121 reactive diluent should be stored in original tightly closed container, in dry and warm 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 121.

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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