


**Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)**
**EPOTEC RD 118**
**Description**

Epotec RD 118 is mono-glycidyl ether of C8-C10 aliphatic alcohol. The primary use of RD 118 is as a reactive diluent for high viscosity epoxy resins. Epotec RD 118 is compatible in all concentrations with epoxy resin and these blends can be cured with variety of curing agents. As with all mono-functional aliphatic epoxies, increasing level of epotec RD 118 will increase pot life and modify cured coating properties.

**Applications**

- Flooring
- Potting and encapsulation
- General purpose adhesives
- Grouts and other civil applications
- Coatings

**Specification**

Appearance	Visual	Clear liquid
Colour	ASTM D 1544-04	0.5 G max.
Epoxy Equivalent weight	ASTM D 1652-04	225 – 245 g/eq
Viscosity @25°C	ASTM D 2196-05	4 – 9 cP
Hydrolysable Chlorine	ASTM D 1726-03	0.1 % max.
Water content	ASTM E 203-01	0.1 % max.
ECH content	TEC-AS-P-023	10 ppm max.

**Typical properties \***

Epoxide Value	ASTM D 1652-04	4.08 – 4.44
Density @25°C	ASTM D 1475-98	0.9 g/ml
Non-volatile content	ASTM D 1259-06	100 %
Flash point	ASTM D 93	> 100 °C

\* = Typical properties are indicated for information only

**Packing** Epotec RD 118 is packed and delivered in steel drums, 180 kg per drum as a standard pack.  
Other packs are available on request.

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**Storage** Epotec RD 118 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.

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**Handling** Please refer to the MSDS of the product for more instructions on safe storage and handling of epotec RD 118.

**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:**  
**Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)**  
Mahatun Plaza Bldg., 16<sup>th</sup> Floor 888/167 Ploenchit Road, Lumpini, Bangkok 10330 Thailand  
Tel: (662) 2535031-3, Fax: (662) 2535030  
Web Site: [www.adityabirlachemicals.com](http://www.adityabirlachemicals.com), E-Mail: [epoxymktg@adityabirla.com](mailto:epoxymktg@adityabirla.com)