


**Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)**
**EPOTEC YD 519**
**Description**

Epotec YD 519 is general purpose medium viscosity reactive diluent modified diglycidyl ether of Bisphenol A. Epotec YD 519 has relatively better crystallization resistance compared to YD 128. Epotec YD 519 finds use in various types of coatings and adhesives application.

**Applications**

- Adhesives
- Civil engineering
- Coatings
- Laminates

**Specification**

Appearance	Visual	Clear liquid
Colour	ASTM D 1544-04	1.0 G max.
Epoxy Equivalent weight	ASTM D 1652-04	182 – 196 g/eq
Viscosity @25°C	ASTM D 2196-05	7,500 – 9,500 cP

**Typical properties \***

Epoxide Value	ASTM D 1652-04	5.10 – 5.49
Density @25°C	ASTM D 1475-98	1.16 g/ml
Water content	ASTM E 203-01	0.1 % max.
Non-volatile content	ASTM D 1259-06	100 %
Flash point	ASTM D 93	130°C

\* = Typical properties are indicated for information only

**Packing** Epotec YD 519 is packed and delivered in steel drums, 220 kg per drum as a standard pack.  
Other packs are available on request.

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**Storage** Epotec YD 519 resin 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. Epotec YD 519 has more resistance to crystallization than std. liquid epoxy resin, in case crystallization occurs the resin can be restored to its original condition by warming to 55-60°C while stirring. For handling or pumping the maximum temperature recommended is 80°C.

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**Handling** Please refer to the MSDS of the product for more instructions on safe storage and handling of Epotec YD 519.

**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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