


**Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)**
**EPOTEC YD 510**
**Description**

Epotec YD 510 is a reactive diluent modified liquid epoxy resin. The diluent modification helps in reducing the amount of solvent required to reduce the viscosity thereby reducing the V.O.C. of the formulated coating. Epotec YD 510 can be used in a wide range of applications because of its low viscosity. The reactive diluent blend also helps in reducing the crystallization tendency of the epoxy resin there by improving the in can stability of the formulated products.

**Applications**

- Mortar, grouts
- Flooring
- High solids coatings
- Primers

**Specification**

Appearance	Visual	Clear liquid
Colour	ASTM D 1544-04	0.5 G max.
Epoxy Equivalent weight	ASTM D 1652-04	185 – 200 g/eq
Viscosity @25°C	ASTM D 2196-05	1,500 – 2,000 cP

**Typical properties \***

Epoxide Value	ASTM D 1652-04	5.12 – 5.56
Density @25°C	ASTM D 1475-98	1.13 g/ml
Water content	ASTM E 203-01	0.1 % max.
Non-volatile content	ASTM D 1259-06	100 %
Flash point	ASTM D 93	142°C

\* = Typical properties are indicated for information only

**Packing** Epotec YD 510 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 510 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 510 shows very low tendency to crystallize, if the crystallization occurs upon long storage especially when exposed to low temperatures, the resin can be restored to its original condition by warming to 55-60°C while stirring.

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**Handling** Please refer to the MSDS of the product for more instructions on safe storage and handling of epotec YD 510.

**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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