



Aditya Birla Chemicals (Thailand) Ltd. (Epoxy Division)

EPOTEC TH 7942**Description**

Epotec TH 7942 is a phenalkamine curing agent in solvent. This hardener is designed for fast cure. The hardener is also capable of curing at low temperature and also in high humid conditions. It can be suitably used with an unmodified, modified and solvent based epoxy resins. Due to their fast yet workable pot life & ability to protect the underlying surface they are widely used in anti-corrosive applications.

Applications

- Solvent based and high solids coatings
- Coatings under cold and damp condition
- Concrete floor coatings
- Pipe and tank linings
- Anti-corrosive maintenance coatings

Advantages

- Fast cure yet workable pot life at both ambient and low temperatures
- Non-critical mix ratio
- Good adhesion even to poorly prepared surface
- Good resistance to chemicals, salt water

Typical properties

Property	Test method	Unit	Specification
Appearance	Visual	-	Reddish brown liquid
Color	ASTM-D-1544 (89) TEC-AS-P-006	Gardner	Max. 17
Amine value	TEC-AS-C-058	mg KOH/g	200-250
Viscosity* @ 25 °C	JIS-K-7233 (86)	cP	10,000-20,000

* Brookfield viscosity

Typical application properties

Property*	Test method	Unit	Specification
Mixing ratio	-	By Weight	100 : 24
Mixed viscosity @ 25 °C	JIS-K-7233 (86)	cP	10,000-20,000
Pot life by "Gel Norm" instrument @ 35°C	TEC-AS-P-115	Minutes	60-80
Thin film set time @ 25 °C	-	Hours	1-3

* All properties with standard Bisphenol A epoxy resin Epotec[®] YD 011X75, EEW = 450-500 g/eq**Packing**

Epotec TH 7942 is packed & delivered in 200 lit drums.

Storage

Storage life of epotec TH 7942 is at least 12 months from the date of manufacture when stored in original sealed container. It is also advised to store the material in good ventilated, dry and cool place away from sources of heat, ignition and direct sunlight. Care should be taken against static discharge.

Handling

Please refer to the MSDS for safe handling of epotec TH 7942.

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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