



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

EPOTEC TH 7966**Description**

EPOTEC TH 7966 is a phenalkamine curing agent. This curing agent is designed to cure even at low temperature and in high humid conditions. It can be suitably used with an unmodified, modified and solvent based epoxy resins. This curing agent is used in anti-corrosive applications especially in marine and industrial environment.

Applications

- Medium to high solids coatings
- Industrial maintenance, marine and pipe coatings
- Pipe and tank linings

Advantages

- Short pot-life at both ambient and low temperatures
- Non critical mix ratio
- Moisture tolerant during cure
- Good adhesion even to poorly prepared surface
- Good resistance to chemicals, salt water and superior corrosion resistance

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	350 - 400
Viscosity* @ 25 °C	JIS-K-7233 (86)	cP	1000 - 4000

* Brookfield viscosity

Typical application properties

Property	Unit	Specification	
		YD 128*	YD 011X75**
Mixing ratio	By Weight	100 : 50	100 : 16
Mixed viscosity* @ 25 °C	cP	4000 - 5000	12000 - 14000
Gel time (150 g mix) @ 25 °C	Minutes	18 - 30	> 120
Thin film set time @ 25 °C	Hours	2 - 4	2 - 4

* with standard Bisphenol A epoxy resin EPOTEC YD 128 (EEW = 190 g/eq)

**with standard Bisphenol A epoxy resin EPOTEC YD 011X75 (EEW = 470 g/eq)

Packing

The material Epotec® TH 7966 is packed & delivered in 200 lit drums.

Storage

Storage life is at least 12 months from the date of manufacture when stored in original sealed container. Store the material in good ventilated, dry and cool place. Store the material away from sources of heat, ignition and direct sunlight.

Handling

Please refer to MSDS for safe handling of EPOTEC® TH 7966.

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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