

VERSAMID® EH-30 Curing Agent

Product Description

VERSAMID® EH-30 curing agent is a tertiary amine accelerator and curing agent for epoxy resin systems. The anionic catalyst is a Lewis base that contains unshared electrons to facilitate opening the oxirane ring. VERSAMID® EH-30 curing agent, a Mannich base, shows marked acceleration because of the presence of the phenolic hydroxyl.

Applications

- Curing agent for epoxies
- Accelerator for polyamide and amido-amine cured epoxies, mercaptans, anhydride and novolac epoxy cures and amine cured epoxies

Specified Key Data

Property	Value
Color, Gardner, max	6
Amine Value, mg KOH/g	590 - 630
Viscosity, Thermosel, at 25 °C, cP	180 - 320

Typical Properties

Property	Value
Amine Value, mg KOH/g	610
Viscosity at 25 °C, cP	250
Density lb/gal	8.1
Color, Gardner	3
Moisture (Karl Fisher)	0.1%
Gel Time (25g at 10 phr), minutes	40

Processing

Mix ratio with liquid epoxies is 5 – 15 phr, as an accelerator is 0.5 – 2 phr. Gel time (25 g at 10 phr) is 40 minutes. Due to chemical reaction, VERSAMID® EH 30 and epoxy resins should not be mixed until just prior to use.

Storage

VERSAMID® EH-30 curing agent should be stored in a dry place, in its sealed original container, at temperatures between **2°C to 40°C (35.6°F to 104°F)**. Under these storage conditions the shelf life is **12 months** from date of manufacture. The product should not be exposed to direct sunlight.

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

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