

Ancamide[®] 700-B-75 Curing Agent

DESCRIPTION

Ancamide[®] 700-B-75 curing agent is a polyamide/epoxy adduct adjusted to 75% solids by weight in n-butanol. This curing agent provides improved compatibility with epoxy resins (in the absence of induction) and better cure under adverse conditions than standard polyamides.

Evonik also offers Ancamide[®] 702-B-75 curing agent which is similar to Ancamide 700-B-75 in performance. Ancamide 702-B-75 may be a more cost effective alternative for your formulation.

ADVANTAGES

- Excellent adhesion
- Good corrosion resistance
- Approved for use in U.S. Navy Specification MIL-P-24441

APPLICATIONS

- Marine and industrial maintenance coatings

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 700-B-75.

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature. Store away from excessive heat and humidity in tightly closed containers.

TYPICAL CURE SCHEDULE

2-7 days at ambient temperature.

TABLE 1: TYPICAL PROPERTIES

Appearance	Amber Liquid
Color ¹ (Gardner)	7
Viscosity ² @ 77°F (cP)	5,000
Specific Gravity @ 77°F	0.960
Weight per Gallon @ 77°F	8.0
Amine Value, mg KOH/g	240
Flash Point ³ (°F)	99
Equivalent Wt/{H}	170
Recommended Use Level (phr, EEW=190)	90

TABLE 2: TYPICAL HANDLING PROPERTIES*

Pot Life (in solution, 150g mix @ 77°F) (h)	2-24
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* Ancamide 700-B-75 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

¹ ASTM D1544-80

² Brookfield, ASTM D445-83

³ Seat Flash Closed Cup

Epoxy Curing Agents and Modifiers

Ancamide[®] 700-B-75 Curing Agent

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