

Product information

ANCAMIDE[®] 700B75

Curing Agent

DESCRIPTION

Ancamide[®] 700B75 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[®] 702B75 curing agent which is similar to Ancamide 700B75 in performance. Ancamide 702B75 may be a more cost effective alternative for your formulation.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber Liquid		
Color	7	Gardner	ASTM D1544-80
Viscosity @ 77°F	5,000	cP	Brookfield, ASTM D445-83
Specific Gravity @ 77°F	0.960		
Weight per Gallon @ 77°F	8.0		
Amine Value	240	mg KOH/g	
Flash Point	122.9	°F	Seat Flash Closed Cup
Equivalent Wt/{H}	170		
Recommended Use Level	90	phr	EEW=190

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 700B75.

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.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit
Pot Life (in solution, 150g mix @ 77°F)	2-24	h

* Ancamide 700B75 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

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