

Product information

ANCAMIDE[®] 2444

Curing Agent

DESCRIPTION

Ancamide 2444 curing agent is a modified polyamide intended for use with epoxy resin in two-component ambient cure systems.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, Amber liquid		
Color	9	Gardner	ASTM D 1544
Viscosity @ 77°F	6,600	cP	ASTM D 445-83, Brookfield, RVTD, Spindle 4
Specific Gravity @ 77°F	1.02		ASTM D 1475-85
Weight per Gallon	8.53		
Amine Value	300	mg KOH/g	
Flash Point	>200	°F	Seta Flash Closed Cup
Equivalent Wt{H}	125		
Recommended Use Level	60-70	phr	EEW=190

ADVANTAGES

- High resistance to amine blush
- High chemical resistance
- Excellent adhesion
- Good flexibility
- Good cure response

APPLICATIONS

High-solids, corrosion-resistant coatings for marine, industrial maintenance, military and aerospace applications.

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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 2444 curing agent.

TYPICAL CURE SCHEDULE

7 days at ambient temperature.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (150g mix @ 77°F)	95	min	ASTM D 2471-71
Set to Touch	3 hr, 15 min		
Tack Free	5 hr, 30 min		
Dry Hard	7 hr, 30 min		

* Ancamide 2444 curing agent formulated at 60 phr with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

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