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## Epoxy Curing Agents and Modifiers

### Ancamide® 260A Curing Agent

#### DESCRIPTION

Ancamide 260A curing agent is one in a series of standard reactive liquid polyamides developed specifically for use in the curing of epoxy resins. It has a relatively high amine value and is used primarily, but not exclusively, with liquid resins.

#### ADVANTAGES

- Good chemical resistance
- Compatible with a wide range of solvents
- Complies with FDA 21 CFR 175.300, 21 CFR 176.170 and 21 CFR 175.105

#### APPLICATIONS

- Adhesives and sealants
- Concrete repair compounds
- Flooring
- Coatings
- Casting
- Laminates

#### STORAGE 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.

#### HANDLING PRECAUTIONS

Refer to the Material Safety Data Sheet for Ancamide 260A curing agent.

#### TYPICAL CURE SCHEDULE

2–7 days at ambient temperature. Films can be force dried or baked to accelerate cure.

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#### TYPICAL PROPERTIES

Appearance	Amber Liquid
Color <sup>1</sup> (Gardner)	7
Viscosity <sup>2</sup> @ 77 °F (cP)	40,000
Specific Gravity @ 77 °F	0.960
Weight per Gallon @ 77 °F	8.0
Amine Value, mg KOH/g	350
Flash Point <sup>3</sup> (°F)	392
Equivalent Wt/{H}	120
Recommended Use Level (phr, EEW=190)	65

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#### TYPICAL HANDLING PROPERTIES\*

Gel Time (150g mix @ 77 °F) (min)	120
Thin Film Set Time @ 77 °F (hr)	10

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#### TYPICAL PERFORMANCE\*

Heat Deflection Temperature <sup>4</sup> (°F)	144
Flexural Strength (psi)	12,500

\* Ancamide 260A curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

#### Footnotes:

- <sup>1</sup> ASTM D1544-80
- <sup>2</sup> Brookfield, ASTM D445-83
- <sup>3</sup> Seta Flash Closed Cup
- <sup>4</sup> ASTM D648 at 264 psi

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