

ANCAMIDE® 375A Curing Agent**DESCRIPTION**

Ancamide® 375A curing agent is one in a series of standard reactive polyamides designed for use in the curing of epoxy resins. It has a lower viscosity than any other member of the series, and a high imidazoline content which results in a long pot life with liquid resins.

ADVANTAGES

- Low viscosity
- Higher imidazoline content
- Long pot life with liquid resins

APPLICATIONS

- High-solids, VOC-compliant coatings
- Adhesives
- Encapsulation
- Casting

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 375A curing agent.

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. Films can be force dried or baked to accelerate cure.

TABLE 1: TYPICAL PROPERTIES

Appearance	Clear, Amber Liquid
Color¹ (Gardner)	7
Viscosity² @ 77°F (cP)	2,450
Specific Gravity @ 77°F	0.960
Weight per Gallon @ 77°F	8.0
Amine Value, mg KOH/g	400
Equivalent Wt/{H}	100
Recommended Use Level (phr, EEW=190)	50

TABLE 2: TYPICAL HANDLING PROPERTIES*

Gel Time (150g mix @ 77°F) (min)	170
Thin Film Set Time @ 77°F (h)	12

TABLE 3: TYPICAL PERFORMANCE*

Heat Deflection Temperature³ (°F)	124
---	-----

* Ancamide 375A curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

Footnotes:

- (1) ASTM D1544-80
- (2) Brookfield, ASTM D445-83
- (3) ASTM D648 at 264 psi

Epoxy Curing Agents and Modifiers

ANCAMIDE® 375A Curing Agent

EVONIK CORPORATION

7201 Hamilton Blvd.
Allentown, PA 18195
1 800 345-3148
Outside U.S. and Canada 1 610 481-6799

For Technical Information and Support:

Americas: picus@evonik.com
EMEA: apcse@evonik.com

Disclaimer

The information contained herein is offered without charge for use by technically qualified personnel at their discretion and risk. All statements, technical information and recommendations contained herein are based on tests and data which we believe to be reliable, but the accuracy or completeness thereof is not guaranteed and no warranty of any kind is made with respect thereto.

