

ANCAMIDE® 220-IPA-73 Curing Agent**DESCRIPTION**

Ancamide 220 curing agent is one in a series of standard reactive polyamides intended for use in the curing of epoxy resins. Ancamide 220-IPA-73 curing agent is cut to 73% solids by weight in isopropyl alcohol.

Evonik also offers Ancamide 221-IPA-73 curing agent which is similar to Ancamide 220-IPA-73 in performance. Ancamide 221-IPA-73 may be a more cost effective alternative for your formulation.

ADVANTAGES

- Good color and light stability
- Good chemical resistance
- Compatible with a wide range of solvents—including those generally used in epoxy resin-based coatings
- Complies with FDA 21CFR 175.300, and 175.105

APPLICATIONS

- Solvent-based maintenance coatings
- Primers, sealers and coatings for concrete

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 220-IPA-73 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. Cure can also be accelerated by the addition of Ancamine® K54 curing agent.

TABLE 1: TYPICAL PROPERTIES

Appearance	Clear, Amber Liquid
Color (Gardner)¹	7
Viscosity @ 77°F (cP)²	2,100
Specific Gravity @ 77°F	0.940
Density (lb/gal) @ 77°F	7.8
Amine Value (mg KOH/g)	180
Flash Point (closed cup) (°F)	82
Equivalent Wt/{H}	253
Recommended Use Level (phr, EEW=450–575)	70

TABLE 2: TYPICAL HANDLING PROPERTIES*

Pot Life (150g mix @ 77°F—@ 40% solids using solid epoxy resin) (days)	1-3
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* Ancamide 220-IPA-73 curing agent formulated with standard Bisphenol-A based (DGEBA, EEW=190) epoxy resin.

(1) ASTM D1544-80

(2) Brookfield viscosity, ASTM D445-83

Epoxy Curing Agents and Modifiers

ANCAMIDE® 220-IPA-73 Curing Agent

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