

ANCAMIDE® 2443 Curing Agent**DESCRIPTION**

Ancamide 2443 curing agent is a modified amidoamine designed to be used with liquid epoxy resins. Its extremely low viscosity enables the development of high performance 100% solids formulations that can be applied via conventional and airless spray equipment without the use of diluents.

ADVANTAGES

- Very low viscosity
- Surface tolerance resulting in good adhesion to poorly prepared substrates
- Good humidity and corrosion resistance
- Good film appearance and no amine blush
- Long pot-life
- Plasticiser free

APPLICATIONS

- Penetrating sealers for poorly prepared steel and concrete surfaces
- Modifier for polyamides for increased volume solids and VOC reduction
- High solids and 100% solids corrosion resistant coatings

SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamide 2443 curing agent.

TYPICAL PROPERTIES

Appearance	Amber liquid
Colour¹ (Gardner)	7 max
Viscosity² @ 25°C [mPa.s]	25-35
Amine Value³ [mg KOH/g]	532
Specific Gravity @ 21°C, [g/ml]	0.97
Equivalent Wt/{H}	85.5
Recommended use Level⁴ [PHR]	45

TYPICAL HANDLING PROPERTIES⁴

Mixed Viscosity at 25°C, [mPa.s]	75
Gel Time⁵ (150g mix at 25°C), [mins]	250
Thin Film Set Time⁶ 25°C, [h]	11.5
Peak Exotherm (100g mix @ 25°C) [°C]	84
Time to Peak Exotherm [mins]	250

TYPICAL PERFORMANCE PROPERTIES

Typical Cure Schedule	2-7 Days at Room Temperature
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Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, Spindle 4
- (3) Perchloric Acid Titration
- (4) With Bisphenol A diglycidyl ether (EEW=190)
- (5) Techne GT-3 Gelation Timer
- (6) BK Drying Recorder Phase III

Epoxy Curing Agents and Modifiers

ANCAMIDE® 2443 Curing Agent

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