

ANCAMIDE[®] 2426**Curing Agent****DESCRIPTION**

Ancamide 2426 curing agent is a 100 % solids, benzyl alcohol free modified amidoamine. It has a low viscosity, long pot life allowing extended working time and can be formulated to provide blush resistant coatings. Ancamide 2426 may be used as a general use curing agent in coatings, civil engineering and adhesive applications.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Dark amber liquid		
Colour	<8	Gardner	ASTM D 1544-80
Viscosity @ 25°C	500-750	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	360-400	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	0.95	g/ml	
Equivalent	93	Wt{H}	
Recommended use Level	49	PHR	With Bisphenol A diglycidyl ether (EEW=190)

ADVANTAGES

- 100% solids, free of benzyl alcohol, other plasticisers and solvents
- Good resin compatibility leading to excellent blush resistance
- Long pot life
- Low viscosity
- Good thin film hardness development
- Good immersion resistance to aqueous media
- Compliant with FDA regulation 21CFR 175.300 for Coatings having a capacity of >4000 litres for repeated use in contact with alcoholic beverages containing up to 8% alcohol by volume

APPLICATIONS

- High and 100% solids (plasticiser free) coatings
- Brewery tank linings
- Low exotherm for mass castings and encapsulation

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 2426 curing agent.

TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Mixed Viscosity at 25°C	3,400	mPa.s	Brookfield RVTD, Spindle 4
Gel Time (150g mix at 25°C)	285	mins	Techne GT-3 Gelation Timer
Peak Exotherm (150g mix at 25°C)	35	°C	
Thin Film Set Time 25°C	14	h	BK Drying Recorder Phase III
Typical cure schedule	2-7	days	

TYPICAL PERFORMANCE PROPERTIES

Property	Value	Unit	Method
Heat Distortion Temperature	46	°C	ASTM D648

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