

**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.

**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 PROPERTIES**

<b>Appearance</b>	Dark amber liquid
<b>Colour<sup>1</sup> (Gardner)</b>	<8
<b>Viscosity<sup>2</sup> @ 25 °C, [mPa.s]</b>	500-750
<b>Amine Value<sup>3</sup>, [mg KOH/g]</b>	360-400
<b>Specific Gravity @ 21°C, [g/ml]</b>	0.95
<b>Equivalent Wt/{H}</b>	93
<b>Recommended use Level<sup>4</sup>, [PHR]</b>	49

**TYPICAL HANDLING PROPERTIES**

<b>Mixed Viscosity<sup>2</sup> at 25°C, [mPa.s]</b>	3,400
<b>Gel Time<sup>5</sup> (150g mix at 25°C), [mins]</b>	285
<b>Peak Exotherm (150g mix at 25°C), [°C]</b>	35
<b>Thin Film Set Time<sup>6</sup> 25°C, [h]</b>	14
<b>Typical cure schedule</b>	2- 7 days

**TYPICAL PERFORMANCE PROPERTIES**

<b>Heat Distortion Temperature<sup>7</sup>, [°C]</b>	46
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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
- (7) ASTM D648

Epoxy Curing Agents and Modifiers

# ANCAMIDE® 2426 Curing Agent

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