

**ANCAMIDE® 903MAV** Curing Agent**DESCRIPTION**

Ancamide 903MAV is an amidoamine designed for use with liquid epoxy resin in the formulation of intumescent coatings. The low viscosity of Ancamide 903MAV allows formulation of high build systems that can be compliant with UL V0 legislation.

**ADVANTAGES**

- Low viscosity
- Long pot life with liquid resins
- Pigment acceptance for high build intumescent films

**APPLICATIONS**

- High-solids, VOC-compliant coatings
- Intumescent coatings
- Adhesives
- Encapsulation
- Castings

**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.

**PACKAGING AND HANDLING**

Refer to the Safety Data Sheet for Ancamide 903MAV curing agent.

**TYPICAL PROPERTIES**

<b>Appearance</b>	Clear, Amber Liquid
<b>Colour<sup>1</sup> (Gardner)</b>	max 11
<b>Viscosity<sup>2</sup> @ 25°C, [mPa.s]</b>	200-500
<b>Amine Value<sup>3</sup> (mg KOH/g)</b>	400-500
<b>Specific Gravity @ 21°C, [g/ml]</b>	0.95
<b>Equivalent Wt/{H}</b>	92
<b>Recommended use Level<sup>4</sup>, [PHR]</b>	48

**TYPICAL HANDLING PROPERTIES<sup>4</sup>**

<b>Gel Time<sup>5</sup> (150g mix at 25°C), [mins]</b>	130
<b>Thin Film Set Time<sup>6</sup> 25°C, [h]</b>	12
<b>Typical cure schedule 2- 7 days</b>	

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® 903MAV Curing Agent

Evonik Resource Efficiency GmbH  
Business Line Crosslinkers  
Paul-Bauma

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