

## Product information

# ANCAMINE<sup>®</sup> 2844

## Curing Agent

### DESCRIPTION

Ancamine<sup>®</sup> 2844 curing agent is a low viscosity high solids amine curing agent designed for use in plural component spray applications. It exhibits ultra-fast cure and rapid property development at low temperature providing excellent surface appearance.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Colorless to light yellow liquid		
Colour	10	Gardner	ISO 4630
Viscosity @ 25°C	1000 - 2000	mPa.s	ISO 2555
Amine Value	460	mg KOH/g	DIN 16945
Specific Gravity @ 21°C	1.04		ISO 2811
Equivalent	70	Wt/{H}	
Recommended use Level	40	PHR	With bisphenol-A based epoxy resin (EEW=190)

### ADVANTAGES

- . Ultra-fast cure and rapid property development at low temperature
- . Excellent surface appearance at low temperature and high humidity conditions
- . Good chemical resistance

### APPLICATIONS

- . Marine
- . Protective coating

### 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.

## HANDLING PRECAUTIONS

Refer to the Safety Data Sheet for Ancamine 2844 curing agent.

## TYPICAL CURE SCHEDULE

1 day at ambient temperature.

## TYPICAL PERFORMANCE PROPERTIES

Property	Value	Unit	Method
Gel Time	13	mins	Techne Gelation Timer, 150 g mix
Thin Film Set Time @ 23 °C	1/2	h	ASTM D 5895 - Dry hard time
Thin Film Set Time @ 5°C	3/4.5	h	ASTM D 5895 – Dry hard time
PersoZ Hardness after 1 / 7 days	200/350	s	ISO 1522
Carbamation Resistance @ 23 °C	5		ISO 2812
Carbamation Resistance @ 5°C	5		ISO 2812

\*With bisphenol-A based epoxy resin (EEW=190)

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### EVONIK OPERATIONS GMBH

Business Line Crosslinkers  
Paul-Baumann-Str. 1  
45764 Marl  
Germany

[www.evonik.com/crosslinkers](http://www.evonik.com/crosslinkers)

**Product Information:** [APCSE@evonik.com](mailto:APCSE@evonik.com)

**Sample Request:** [APCSE@evonik.com](mailto:APCSE@evonik.com)

### EVONIK CORPORATION

Business Line Crosslinkers  
7001 Hamilton Boulevard  
Trexlerstown, PA 18087  
USA

[CrosslinkersProinfo@evonik.com](mailto:CrosslinkersProinfo@evonik.com)

[Crosslinkers-Samples@evonik.com](mailto:Crosslinkers-Samples@evonik.com)

### EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.

Business Line Crosslinkers  
55, Chundong Road  
Xinzhuang Industry Park  
Shanghai, 201108  
China

[CL-Asiainfo@evonik.com](mailto:CL-Asiainfo@evonik.com)

[CL-Asiainfo@evonik.com](mailto:CL-Asiainfo@evonik.com)

