

## Product information

# ANCAMINE<sup>®</sup> 3456

## Curing Agent

### DESCRIPTION

Ancamine 3456 curing agent is a formulated aliphatic polyamine adduct designed for use with liquid epoxy resin at ambient temperature.

Ancamine 3456 curing agent is recommended as flexible binder for adhesives, rubber filled and flexible floorings. Ancamine 3456 curing agent is free from phenol, nonyl phenol and bisphenol A.

### TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber liquid		
Colour	≤ 6	Gardner	ASTM D 1544-80
Viscosity @ 77°F (25°C)	500-1500	mPa.s	Brookfield RVT, Spindle 4
Amine Value	160-190	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 70°F (21°C)	0.97		
Equivalent Wt{H}	250		
Recommended Use Level	125-135	phr	With Bisphenol-A diglycidyl ether (EEW=190)

### ADVANTAGES

- Highly flexible cure
- Phenol and alkyl-substituted phenol-free
- Rapid cure

### APPLICATIONS

- Flexible floor systems such as rubber filled for mezzanine/suspended floors
- Adhesives
- Modifier/ flexibilizer for other amine cured systems

### SHELF LIFE

At least 36 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. Do not freeze.

## STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 3456 curing Agent.

## TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Gel Time, (250g mix at 74°F/ 23°C)	35	min	Techne GT-3 Gelation Timer
Typical cure schedule	2 - 7	days	

Ancamine® is a registered trademark of Evonik Industries AG or one of its subsidiaries.

### Disclaimer

This information and any recommendations, technical or otherwise, are presented in good faith and believed to be correct as of the date prepared. Recipients of this information and recommendations must make their own determination as to its suitability for their purposes. In no event shall Evonik assume liability for damages or losses of any kind or nature that result from the use of or reliance upon this information and recommendations. EVONIK EXPRESSLY DISCLAIMS ANY REPRESENTATIONS AND WARRANTIES OF ANY KIND, WHETHER EXPRESS OR IMPLIED, AS TO THE ACCURACY, COMPLETENESS, NON-INFRINGEMENT, MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE (EVEN IF EVONIK IS AWARE OF SUCH PURPOSE) WITH RESPECT TO ANY INFORMATION AND RECOMMENDATIONS PROVIDED. Reference to any trade names used by other companies is neither a recommendation nor an endorsement of the corresponding product, and does not imply that similar products could not be used. Evonik reserves the right to make any changes to the information and/or recommendations at any time, without prior or subsequent notice.

### 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)

