

Product information

ANCAMINE® 3314

Curing Agent

DESCRIPTION

Ancamine 3314 curing agent is a modified cycloaliphatic amine designed for use with liquid epoxy resins. Ancamine 3314 has a low viscosity and is recommended for solvent free coatings, epoxy mortars with a high chemical resistance, very good surface properties and improved UV resistance.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear liquid		
Colour	≤ 1	Gardner	ASTM D 1544-80
Viscosity @ 25°C	40-100	mPa.s	Brookfield RVTD, Spindle 4
Amine Value	290-320	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1		
Equivalent	95	Wt/{H}	
Recommended use Level	50	PHR	With Bisphenol A diglycidyl ether (EEW=190)

ADVANTAGES

- Low colour and good yellowing resistance
- Low viscosity
- Good carbamation resistance
- Good mechanical properties

APPLICATIONS

- Epoxy mortar flooring
- High aesthetic solvent free coatings
- Patch repair and crack injection systems

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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 3314 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (250g mix at 23°C)	25-30	mins	Techne GT-3 Gelation Timer
Typical cure schedule	2-7	days	

*With Bisphenol A diglycidyl ether (EEW=190)

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

Disclaimer

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

EVONIK OPERATIONS GMBH

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

www.evonik.com/crosslinkers

Product Information: APCSE@evonik.com

Sample Request: APCSE@evonik.com

EVONIK CORPORATION

Business Line Crosslinkers
7001 Hamilton Boulevard
Trexlerstown, PA 18087
USA

CrosslinkersProinfo@evonik.com

Crosslinkers-Samples@evonik.com

EVONIK SPECIALTY CHEMICALS (SHANGHAI) CO., LTD.

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

CL-Asiainfo@evonik.com

CL-Asiainfo@evonik.com

