

Product information

ANCAMINE[®] 3222

Curing Agent

DESCRIPTION

Ancamine 3222 curing agent is an adduct of a solid epoxy resin with ethylene diamine at 55 wt% solids in xylene/butanol/methoxy propanol (4:1:4 w/w). The product is recommended for use with solid epoxy resin and resin solutions for application in solvent-based coatings and epoxy mortars. Ancamine 3222 provides high chemical resistance in combination with novolac epoxy resins.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, brown-yellow liquid		
Colour	≤ 8	Gardner	ASTM D 1544-80
Viscosity @ 25°C	1800-2800	mPa.s	Brookfield RVTD, Spindle 4
Solid content	53-57	weight %	
Amine Value	104-200	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 21°C	1.05		
Equivalent	370	Wt/{H}	
Recommended use Level	75	PHR	With Bisphenol A diglycidyl ether (EEW=500)

ADVANTAGES

- Fast lacquer-dry cure speed
- Good flexibility and chemical resistance
- Excellent corrosion resistance
- Good hot water resistance

APPLICATIONS

- Chemical resistant high solids coatings
- Marine and industrial protective coatings, primers and finishes
- Tank linings

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 3222 curing agent.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time (250g mix at 23°C)	500-1000	mins	Techne GT-3 Gelation Timer
Typical cure schedule	2-7	days	

*With Bisphenol A diglycidyl ether (EEW=500)

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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

