

**ANCAMINE<sup>®</sup> 149****Curing Agent****DESCRIPTION**

Ancamine 149 is a modified cycloaliphatic polyamine adduct intended for use as a room temperature curing agent for liquid epoxy resin. Ancamine 149 is an accelerated variant of Ancamine 1618.

**TYPICAL PROPERTIES**

Property	Value	Unit	Method
Appearance	Clear light yellow liquid		ASTM D 1544-80
Colour	<3	Gardner	Brookfield RVTD, Spindle 4
Viscosity @ 25°C	500-700	mPa.s	Perchloric Acid Titration
Amine Value	285-305	mg KOH/g	
Specific Gravity @ 21°C	1.03	g/ml	
Equivalent	115	Wt/{H}	
Recommended use Level	60	PHR	With Bisphenol A diglycidyl ether (EEW=190)

**ADVANTAGES**

- Low viscosity
- Excellent colour
- No blush and high gloss

**APPLICATIONS**

- Solvent free and high solids floor and wall coatings
- Self-levelling flooring
- Water wipeable tile jointing grouts

**SHELF LIFE**

At least 24 months from date of manufacture in original sealed container stored undercover at ambient temperature away from excessive heat and humidity. Discolouration can be expected with time and on exposure to light. Product may appear pink when stored in IBC's.

## STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 149 curing agent.

## TYPICAL HANDLING PROPERTIES

Property	Value	Unit	Method
Mixed Viscosity @ 25°C	2400	mPas	Brookfield RVTD, Spindle 4
Gel Time (150g mix @ 25°C )	30	min	Techne GT-3 Gelation Timer
Thin Film Set Time @ 25°C	5.5	h	BK Drying Recorder Phase III
Shore D 20°C (7 days)	53		DIN 53505
Typical cure schedule	2- 7	days	

## TYPICAL PERFORMANCE PROPERTIES

Property	Value	Unit	Method
Compressive Strength	65	MPa	ISO 604 with Bisphenol A/F diglycidyl ether 10%, diluted with Epodil 748
Compressive Modulus	2.0	GPa	ISO 604 with Bisphenol A/F diglycidyl ether 10%, diluted with Epodil 748
Heat Distortion Temperature	46	°C	ASTM D648
Carbamation Test	2		Scale 1-5 (5 is best)

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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)

