

## Product information

# ANCAMINE<sup>®</sup> 2890

## Curing Agent

### DESCRIPTION

Ancamine 2890 curing agent is a low viscosity modified amine designed to be used with liquid epoxy resin. It is designed to give 1:1 mix ratio when used with standard liquid epoxy resins. It yields formulations with high elongation, strength and hardness.

### TYPICAL PROPERTIES

Property	Value	Method
Appearance	clear Liquid	
Color (Gardner)	≤ 2	ASTM D 1544
Viscosity @ 25 °C (mPa.s)	1200 - 2800	Brookfield RV, spindle 27
Amine Value (mg KOH/g)	190 - 230	Perchloric Acid Titration
Specific Gravity @ 21°C	0.98	
Equivalent Wt/[H]	200 - 230	

### APPLICATIONS

Ancamine 2890 curing agent is especially suited for civil engineering applications such as joint sealants, crack bridging, and secondary containment membranes. It is also suitable for other applications requiring toughness such as potting compounds.

### PERFORMANCE ADVANTAGES

- One-to-one mix ratios in dilute formulations
- Rapid thin film set
- High tear resistance, tensile strength, and elongation
- Good chemical and moisture resistance

### STORAGE LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

## HANDLING PRECAUTIONS

Refer to the Safety Data Sheet...

## TYPICAL HANDLING PROPERTIES<sup>1</sup>

Property	Value	Method
Gel Time @ 23 °C (min)	25-35	Techne GT-3 Gelation Timer
Thin Film Set Time @ 23 °C (h)	8.0	ASTM D 5895 - BK Drying Recorder Phase 3
Hardness Shore D 24 h @ 23 °C (s)	50	

(1) Bisphenol A diglycidyl ether resin (EEW=197) / Epodil 748 (80:20)

Ancamine<sup>®</sup> 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)

