

**ANCAMIDE<sup>®</sup> 3503****Curing Agent****DESCRIPTION**

Ancamide 3503 curing agent is a low viscosity amidoamine hardener. Ancamide 3503 curing agent is recommended for high temperature applications such as pipe repair and coating sealants and mortars. The raw materials of Ancamide 3503 are listed in the positive list of KTW app.1 submission March 2016.

**TYPICAL PROPERTIES**

| Property                | Value              | Unit     | Method   |
|-------------------------|--------------------|----------|--|
| Appearance              | Clear amber liquid |          |  |
| Colour                  | ≤ 10               | Gardner  | ASTM D 1544-80                                     |
| Viscosity @ 25°C        | 50-200             | mPa.s    | Brookfield RVTD, Spindle 4                         |
| Amine Value             | 200-350            | mg KOH/g | Perchloric Acid Titration                          |
| Specific Gravity @ 21°C | 0.94               |          |  |
| Equivalent              | 125-160            | Wt/{H}   |  |
| Recommended use Level   | 66-84              | PHR      | With liquid Bisphenol A diglycidyl ether (EEW=190) |

**ADVANTAGES**

- Low viscosity
- High temperature performance
- Good chemical resistance

**APPLICATIONS**

- Potable water
- Pipe repair
- Coating sealants and mortars

## STORAGE AND HANDLING

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.

## HANDLING PRECAUTIONS

Refer to the Material Safety Data Sheet for Ancamide 3503 curing agent.

## TYPICAL HANDLING PROPERTIES

| Property                    | Value     | Unit | Method                     |
|-----------------------------|-----------|------|----------------------------|
| Gel Time (250g mix at 23°C) | 1000-1500 | min  | Techne GT-3 Gelation Timer |
| Typical cure schedule       | 2-7       | days |                            |

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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)

