

ANCAMINE® 2806 Curing Agent**DESCRIPTION**

Ancamine 2806 curing agent is a low viscosity modified aliphatic amine curing agent intended for use with liquid epoxy resin at ambient temperature applications.

Ancamine 2806 curing agent is free from nonyl phenol and alkyl-substituted phenol. It offers an excellent low colour and can be used to enhance pot life of cycloaliphatic amines.

ADVANTAGES

- Free of nonyl phenol and alkyl-substituted phenol
- Good resistance to blushing and exudation
- Low colour
- Good chemical resistance against water, aqueous alkalis and inorganic acids

APPLICATIONS

- High solids and solvent free coatings
- Industrial flooring applications
- Laminates, adhesives and castings

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. Do not freeze.

HANDLING PRECAUTIONS

Refer to the Safety Data Sheet for Ancamine 2806 curing agent.

TABLE 1: TYPICAL PROPERTIES

Appearance	Colorless to light yellow liquid
Colour² (Gardner)	max 2
Viscosity³ @ 25°C (mPa.s)	30-100
Amine Value⁴ (mg KOH/g)	310-340
Specific Gravity⁵ @ 21°C	1.00
Equivalent Wt/{H}	76
Recommended Use Level¹ (PHR)	40

**TABLE 2: TYPICAL HANDLING PROPERTIES¹
23°C, 50% RH**

Mix Viscosity³ (mPa.s)	600-700
Gel Time⁶ (min)	100-120
Thin Film Set Time⁷ (h)	12
Persoz Hardness⁸ after 1/7 days (s)	100/300
Shore Hardness⁹ after 1/7 days	40D/80D
Typical cure schedule	2-7 days

Footnotes:

- (1) With bisphenol-A based epoxy resin (EEW=190)
- (2) ISO 4630
- (3) ISO 2555
- (4) DIN 16945
- (5) ISO 2811
- (6) Techne Gelation Timer, 150 g mix
- (7) ASTM D 5895 – Dry hard time
- (8) ISO 1522
- (9) ISO 868

Epoxy Curing Agents and Modifiers

ANCAMINE® 2806 Curing Agent

EVONIK RESOURCE EFFICIENCY GMBH
Business Line Crosslinkers
Paul-Baumann-Straße 1
45764 Marl
Germany

apcsepx@evonik.com
www.evonik.com/crosslinkers

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