

ANCAMINE® 2672 Curing Agent**DESCRIPTION**

Ancamine 2672 curing agent is a modified cycloaliphatic amine designed for use as a room temperature curing agent for liquid epoxy resin. Special features of this curing agent include low viscosity, allowing for higher filler loadings and the ability to cure relatively quickly at low temperatures. Ancamine 2672 curing agent is intended for use in solvent-free coatings, high film build systems, self-leveling and screed flooring applications.

ADVANTAGES

- Good corrosion resistance
- Excellent chemical resistance
- Good resistance to water spotting and amine blush
- Nonyl phenol and bisphenol-A free

APPLICATIONS

- Primers, sealers and coatings for concrete
- Chemical resistance tank linings
- High solid coatings
- Non color sensitive applications

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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2672 curing agent.

TABLE 1: TYPICAL PROPERTIES

Appearance	Clear, amber liquid
Color (Gardner)¹	<8
Viscosity @ 77°F (25°C) (cP)²	100-300
Amine Value (mg KOH/g)³	280-340
Specific Gravity @ 70°F (21°C)	1.06
Equivalent Wt/{H}	95
Recommended use Level, [PHR]⁴	50

TABLE 2: TYPICAL HANDLING PROPERTIES⁴

Gel Time, 150g mix at 77°F (25°C) [min]⁵	30
Thin Film Set Time 25°C [h] ⁶	5
Typical cure schedule 2- 7 days	
Persoz Hardness, 10 days at 74°F (23°C)	300
Heat Distortion Temperature, [°C] ⁷	48
Carbamation Test ⁸	3-4

Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield RVTD, spindle 4
- (3) Perchloric Acid Titration
- (4) With Bisphenol-A diglycidyl ether (EEW=190)
- (5) Techne GT-3 Gelation Timer
- (6) BK Drying Recorder Phase II
- (7) ASTM D648
- (8) ISO 2812 (Wet Patch Method), scale 1-5 (5 is best)

Epoxy Curing Agents and Modifiers

ANCAMINE® 2672 Curing Agent

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