

Product information

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 solventfree coatings, high film build systems, self-leveling and screed flooring applications.

TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Clear, amber liquid		
Color	<8	Gardner	ASTM D 1544-80
Viscosity @ 77°F (25°C)	100-200	mPa.s	Brookfield RVTD, spindle 4
Amine Value	280-320	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 70°F (21°C)	1.06		
Equivalent Wt/{H}	95		
Recommended Use Level	50	PHR	With Bisphenol-A diglycidyl ether (EEW=190)

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.

TYPICAL HANDLING PROPERTIES*

Property	Value	Unit	Method
Gel Time, 150g mix at 77°F (25°C)	30	mins	Techne GT-3 Gelation Timer
Thin Film Set Time 25°C	5	h	BK Drying Recorder Phase II
Typical cure schedule	2-7	days	
PersoZ Hardness, 10 days at 74°F (23°C)	300		
Heat Distortion Temperature	48	°C	ASTM D648
Carbamation Test	3-4		ISO 2812 (Wet Patch Method), scale 1-5 (5 is best)

*With Bisphenol-A diglycidyl ether (EEW=190)

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