

ANCAMINE® 3456 Curing Agent**DESCRIPTION**

Ancamine 3456 curing agent is a formulated aliphatic polyamine adduct designed for use with liquid epoxy resin at ambient temperature.

Ancamine 3456 curing agent is recommended as flexible binder for adhesives, rubber filled and flexible floorings. Ancamine 3456 curing agent is free from phenol, nonyl phenol and bisphenol A.

ADVANTAGES

- Highly flexible cure
- Phenol and alkyl-substituted phenol-free
- Rapid cure

APPLICATIONS

- Flexible floor systems such as rubber filled for mezzanine/suspended floors
- Adhesives
- Modifier/flexibilizer for other amine cured systems

SHELF LIFE

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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 3456 curing agent.

TABLE 1: TYPICAL PROPERTIES

Appearance	Amber Liquid
Color (Gardner)¹	≤ 6
Viscosity @ 77°F (25°C) [mPa.s]²	500-1500
Amine Value (mg KOH/g)³	160-190
Specific Gravity @ 70°F (21°C)	0.97
Equivalent Wt/{H}	250
Recommended use Level, [PHR]⁴	125-135

TABLE 2: TYPICAL HANDLING PROPERTIES

Gel Time, (250g mix at 74°F) (23°C) [min]⁵	35
Typical cure schedule 2- 7 days	

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

Epoxy Curing Agents and Modifiers

ANCAMINE[®] 3456 Curing Agent

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