

ANCAMINE® 3140 Curing Agent**DESCRIPTION**

Ancamine 3140 curing agent is a nonyl phenol free aliphatic polyamine Mannich base curing agent designed for use with liquid epoxy resin. The product offers excellent moisture tolerance and high reactivity at the low temperature condition. Ancamine 3140 curing agent will react with liquid epoxy resin at low temperature and high humidity to produce a highly chemical resistant surface coating.

ADVANTAGES

- Moisture tolerant
- Fast cure and development of properties at ambient and low temperature
- Excellent chemical and mechanical resistances
- Nonyl phenol free

APPLICATIONS

- Chemical resistant high solids and solvent free coatings and industrial floorings
- Protective coatings
- Accelerator for other curing agents

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.

STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 3140 curing agent.

TYPICAL PROPERTIES

Appearance	Clear, yellow liquid
Colour¹ (Gardner)	≤5
Viscosity² @ 25°C [mPa.s]	550-750
Amine Value³ [mg KOH/g]	375-425
Specific Gravity @ 21°C	1.03
Equivalent Wt/{H}	75
Recommended use Level⁴ [PHR]	40

TYPICAL HANDLING PROPERTIES⁴

Gel Time⁵ (250g mix at 23°C) [mins]	15-20
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® 3140 Curing Agent

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