

ANCAMINE® 2734 Curing Agent**DESCRIPTION**

Ancamine 2734 curing agent is a mannich base adduct intended for use with liquid epoxy resin. The product exhibits fast cure under adverse conditions of high humidity and low temperature, and will cure at temperatures as low as 5°C. Ancamine 2734 is based on sustainable raw materials and shows compliance with REACH and other global legislation. Ancamine 2734 is used as an epoxy curing agent for medium solids marine, heavy duty and general industrial coatings and transportation primers, solvent based floor primers and quick cure primers.

ADVANTAGES

- Fast cure with long potlife
- Good low temperature cure
- Good corrosion and water resistance
- Good adhesion

APPLICATIONS

- General Industrial Coatings
- Ballast Tank Coatings
- Solvent-based Concrete Primers

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.

PACKAGING AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2734 curing agent.

TYPICAL PROPERTIES

Appearance	Orange-brown liquid
Colour¹ (Gardner)	<18
Viscosity² @ 25°C, [mPa.s]	500-2500
Solids, %	64-66
Amine Value³ (mg KOH/g)	160-215
Specific Gravity @ 21°C	0.98
Equivalent Wt/{H}	175
Recommended use Level⁴ [PHR]	100

TYPICAL HANDLING PROPERTIES⁴

Gel Time⁵ (150g mix at 25°C), [mins]	80
Thin Film Set Time⁶ 25°C, [h]	4
Thin Film Set Time⁶ 5°C, [h]	9
Pensoz Hardness at 25°C (1d / 7d)	150/300
Carbamation Test⁷	5
Typical cure schedule	2- 7 days

Footnotes:

- (1) ASTM D 1544-80
- (2) Brookfield, 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/III
- (7) ISO 2812 (Wet Patch Method), scale 1-5 (5 is best)

Epoxy Curing Agents and Modifiers

ANCAMINE® 2734 Curing Agent

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