

ANCAMINE® 2641 Curing Agent**DESCRIPTION**

Ancamine 2641 curing agent is an accelerated modified aliphatic amine curative intended for use with liquid epoxy resins in two-part ambient or low-temperature cure systems. It has been designed for use where rapid thin film cure or reduced temperature cure is required. It may also be used as an accelerator for other amine-based curing agents.

BENEFITS

- Very rapid cure and property development
- Fast low-temperature cure
- Phenol-free

APPLICATIONS

- Patch repair compounds
- Adhesives
- Accelerator for other amines and polyamides

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 2641 curing agent.

TYPICAL CURE SCHEDULE

2-7 days at ambient temperature.

TABLE 1: TYPICAL PROPERTIES

Appearance	Yellow Liquid
Color (Gardner)	4
Viscosity @ 77°F (cP)	3,500
Amine Value (mg KOH/g)	580
Specific Gravity @ 77°F	1.04
Equivalent Wt/{H}	91
Recommended Use Level (phr, EEW=190)	48

TABLE 2: TYPICAL HANDLING PROPERTIES*

Gel Time [150g mix @ 77°F] (min)	6
Thin Film Set Time 77°F (h)	1.0
40°F (h)	2
Peak Exotherm (100g mass) (°F)	390
Peak Exotherm Time (min)	9

TABLE 3: TYPICAL PERFORMANCE*

(Cured 7 days @ 77°F)	
Glass Transition Temperature (°F)	133
60° Film Gloss	100

*Ancamine 2641 curing agent formulated with standard Bisphenol-A based (DGEBAs, EEW=190) epoxy resin at 48 phr.

Epoxy Curing Agents and Modifiers

ANCAMINE[®] 2641 Curing Agent

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