

## Product information

# ANCAMINE<sup>®</sup> 2205

## Curing Agent

### DESCRIPTION

Ancamine 2205 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.

### TYPICAL PROPERTIES

Property	Value	Unit
Appearance	Yellow Liquid	
Colour	4	Gardner
Viscosity @ 77°F	3,600	cP
Specific Gravity @ 77°F	1.05	
Amine Value	600	mg KOH/g
Equivalent Wt/{H}	95	
Recommended use Level (EEW=190)	50	phr

### ADVANTAGES

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

### APPLICATIONS

- Patch repair compounds
- Adhesives
- Accelerator for other amines

### STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2205 curing agent.

## 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.

Material may crystallize or solidify upon exposure to low temperatures. Crystallized or solidified material can be utilized after melting at elevated temperatures without impacting handling or physical properties. It is recommended that the material be heated to 50-70°C while mixing continuously for 1 h. Once the solidified material has fully homogenized, it can be cooled to room temperature and utilized under normal conditions.

## TYPICAL CURE SCHEDULE

2 to 7 days at ambient temperature.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit
Gel Time (150g mix @ 77°F)	6	min
Thin Film Set Time		
@ 77°F	1.0	h
@ 40°F	2.5	h
Peak Exotherm (100g mass)	338	°F
Peak Exotherm Time	11	min

## TYPICAL PERFORMANCE\*

Property	Value	Unit
Cured 7 days @ 77°F		
Glass Transition Temperature	133	°F
60° Film Gloss	73	

\* Ancamine 2205 curing agent formulated with standard Bisphenol-A based (DBEBA, EEW=190) epoxy resin.

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