

# ANCAMINE<sup>®</sup> 2849 Curing Agent

## DESCRIPTION

Ancamine 2849 is a modified aliphatic amine designed for use with bisphenol F and epoxy novolac resins. Ancamine 2849 provides excellent resistance to 98% sulfuric acid up to 60°C and also provides outstanding resistance to crude oil up to 75-80°C. Ancamine 2849 is designed for use in coating applications that require resistance to acids in industrial coating applications like interior tank linings, secondary containment coatings and wastewater linings.

## TYPICAL PROPERTIES

Property	Value	Unit	Method
Appearance	Amber color liquid		
Color	< 8	Gardner	ASTM D 1544-80
Viscosity @ 77°F	3700-4600	mPa.s	ASTM-D2196-05, Brookfield DV+ Spindle 5
Amine Value	370-440	mg KOH/g	Perchloric Acid Titration
Specific Gravity @ 77°F	1.01		
Equivalent	85	Wt/{H}	
Recommended use Level	45	PHR	Bisphenol A diglycidyl ether resin (EEW=190)

## ADVANTAGES

- Excellent resistance to Sulfuric acid
- Excellent resistance to Crude oil
- Good blush resistance

## APPLICATIONS

- Tank linings
- Secondary containment
- Protective coatings
- Civil engineering applications

## SHELF LIFE

At least 24 months from the date of manufacture in the original sealed container at ambient temperature.

## STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2849 curing agent.

## TYPICAL HANDLING PROPERTIES\*

Property	Value	Unit	Method
Use Level	45	PHR	
Gel Time (150g mix @ 77°F (23°C)*)	37	min	Techne GT-3 Gelation Timer
Thin Film Set Time 77°F (23°C)	5	h	ASTM D5895 BK Drying Recorder Phase III
Carbamation resistance 77°F (23°C) 24 hr	4	Scale 1-5	ISO 2812 (wet Patch Method) scale 1-5 (5 is best)

\*Bisphenol A diglycidyl ether resin (EEW=190)

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