

**ANCAMINE® 2892****Curing Agent****DESCRIPTION**

Ancamine® 2892 Curing Agent is a modified polyamine curing agent that enables good ambient and low temperature cure when cured with diluted liquid epoxy resin. The curing agent is specifically designed for use in two-component solvent-free or high solid epoxy coating systems, where low emission is a key requirement. The product offers moderate pot-life whilst retaining fast cure speed, with good through cure and providing excellent corrosion resistance.

**TYPICAL PROPERTIES**

Property	Value	Unit	Method
Appearance	Pale Amber Liquid		
Colour	max. 3	Gardner	ASTM D1544
Viscosity @25°C	200-600	mPa.s	Rheotec RC30
Amine Value	520-590	mg KOH/g	Hydrochloric Acid - Auto Titration
Specific Gravity @25°C	1.01		
Equivalent	95	Wt/ {H}	
Recommended Use Level	50	(PHR, EEW=190)	

**BENEFITS**

- Solvent free and low emission technology
- Fast cure and development of properties at ambient and low temperatures (10°C)
- Good early water resistance
- High mechanical and corrosion resistance

**APPLICATIONS**

- Emission compliant protective and marine coatings
- Corrosion resistance, high solid and solvent-free coatings

## STORAGE AND HANDLING

Refer to the Safety Data Sheet for Ancamine 2892 curing agent.

## SHELF LIFE

At least 24 months from the date of manufacturing 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 2892

## TYPICAL CURE PROPERTIES\*

Property	Value	Unit	Method
Gel Time	60		Techne GT-5 Gelation Timer, 150 g mix
Thin Film Set Time @23°C/60% RH phase 3	6	h	ASTM D 5895 - BK Drying Recorder, Phase 2/3, 60% RH
Thin Film Set Time @ 10°C/60%RH phase 3	10	h	ASTM D 5895 - BK Drying Recorder, Phase 2/3, 60% RH
Persoz Hardness (1d/7 d @ 23°C 60% RH)	350/395	s	ISO 1522
Specular Gloss 60° cured @23°C/60% RH	103		
Carbamation Resistance 1d/7d @23°C	4/5		ISO 2812-3 (Wet Patch Method), scale 1-5 (5 is best)

\* All properties are generated using a standard liquid epoxy resin (bisphenol A diglycidylether; - EEW 190)

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