

# Product Technical Data Sheet

## APPLICATIONS

- *Industrial flooring*
- *High – solids coatings*
- *Chemical Resistant linings & mortars*
- *Secondary containment linings*

## FEATURES AND BENEFITS

- *Excellent resistance to amine blush and waterspotting at ambient and low temperatures*
- *Excellent chemical resistance*
- *Good low-temperature cure*
- *Low skin irritation – DOT noncorrosive*



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## HCR 280 POLYAMINE

**HCR 280 POLYAMINE** is a high performance PACM based cycloaliphatic curing agent for use with liquid epoxy resins. It yields formulations with excellent chemical resistance, water-spot resistance and resistance to amine blush. It is Phenol free and DOT non-corrosive. The chemical resistance can be further improved by using Bisphenol F and Novolac based resins.

### HCR 280 Polyamine Properties

Viscosity:	500
Density(lbs/gal):	8.7
Equivalent Weight:	110
Color, Gardner	6
PHR, 190 EEW Epoxy	60
Flash Point, Seta F	>200

### Typical Properties

Mix ratio with 190 EEW Liquid Epoxy, phr	58
Gel Time (150 gram mass), mins.	60
Thin Film Set, hours	6
Compressive Strength, psi	10,400
Tensile Strength, psi	7,600

Data presented are typical laboratory values.