

VERSAMID® 115

USE Versamid® 115 is a solvent-free high viscosity, reactive polyamide resin designed for use with solid or liquid epoxy resins for thermoset coating applications that cure at room temperature.

KEY FEATURES AND BENEFITS

- Long pot life with short tack-free times
- Superior corrosion resistance
- FDA compliant*

CHEMICAL COMPOSITION

Polyamide resin based on dimerized fatty acid and polyamines

SPECIFICATIONS	Amine Value, mg KOH/g.....	230 - 246
	Viscosity, Brookfield, cP @ 75 °C.....	3500 - 4500
	Gardner Color	9 max.
TYPICAL PROPERTIES	Amine Value, mg KOH/g.....	238
	Amine hydrogen equivalent weight (theoretical)	198
	Density, lbs/gal	8.1
	Flash point (Seta).....	> 200 °F

APPLICATION PROPERTIES Versamid® 115 is a high viscosity, reactive polyamide resin designed for use with solid or liquid epoxy resins for flexible and resistant thermoset coating applications that cure at room temperature. This resin is also useful in adhesive applications. Versamid® 115 and epoxy resin systems provide excellent resistance properties, adhesion and superior corrosion resistance. They are more solvent and chemical resistant than Versamid® 100 systems and generally dry faster than Versamid® 125 systems. Versamid® 115 and epoxy resin systems are recommended for applications such as: Maintenance coating applications, Primers, and Enamel paint formulations.

VERSAMID® 115 (cont.)

APPLICATION DATA

PROCESSING

Mix ratio with 190 EEW solid epoxy is 104 phr. Due to chemical reaction, Versamid® 115 and epoxy resins should not be mixed until just prior to use.

Typical Chemical Resistance Properties (21 Day Immersion @ 25 C)

Chemical	Results (Wt. Gain)
10% Acetic acid	12.4%
10% Hydrochloric acid	1.9%
10% Sulfuric acid	3.2%
10% Sodium Hydroxide	0.6%
Methyl ethyl ketone	Destroyed
Xylene	Destroyed
Ethanol	13.5%

Typical Properties of a Versamid® 115 Cured Coating

Tack Free Time, hours	4.3
Through-cure time, hours.....	6
Pot Life, hours.....	4
Tensile Strength, psi	6000
Elongation, %.....	8
Flexural Modulus, kpsi.....	320
Tg, °C max	62

REGULATORY STATUS

TSCA (USA), DSL (Canada), PICCS (Philippines), AICS (Australia), ENCS/MITI (Japan), IECSC (China), EINECS (EU)

PACKAGING, STORAGE AND HANDLING

VERSAMID® 115 is shipped in lined 55 gallon steel drums. VERSAMID® 115 should be kept in tightly closed containers when not in use and stored in a cool, dry place.

Additional handling information is contained in a material safety data sheet which is available on request.

SHIPPING POINT

Rock Hill, South Carolina

808 CEL-RIVER ROAD, ROCK HILL, SC 29730 | (803) 909-8450 | GABRIELCHEM.COM

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