

VERSAMID® 115 Polyamide Curing Agent

Product Description

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.

Applications

- Chemical resistant coatings
- Adhesives
- Maintenance coating
- Primers
- Enamel paint formulations

Features

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

Key Specified Properties

Property	Value
Color, Gardner	9 max
Viscosity (Brookfield) at 75 °C, cP	3,500 - 4,500 cP
Amine value, mg KOH/g	230 - 246

Typical Properties

Property	Value
AHEW	198
Amine value, mg KOH/g	230 - 246
Density, lb/gal	8.1
Flash point (Seta)	>200°F

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 at 25 C)

Chemical	% weight 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

Property	Value
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)

Storage

VERSAMID® 115 should be stored in a dry place, in its sealed original container, at temperatures between **2°C to 40°C (35.6°F to 104°F)**. Under these storage conditions the shelf life is **24 months** from date of manufacture. The product should not be exposed to direct sunlight.

Precautionary Statement

Huntsman Advanced Materials Americas LLC maintains up-to-date Safety Data Sheets (SDS) on all of its products. These sheets contain pertinent information that you may need to protect your employees and customers against any known health or safety hazards associated with our products. Users should review the latest MSDS to determine possible health hazards and appropriate precautions to implement prior to using this material.

First Aid!

Refer to SDS as mentioned above.

KEEP OUT OF REACH OF CHILDREN

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