



TERAMINE[®] 101 Epoxy Hardener

Medium-Cure, Low-Viscosity Hardener for Epoxies

TYPICAL CHARACTERISTICS

Appearance .	Clear Liquid
Flash Point, °C. (TCC)	>93
Amine Value	270-290
Equivalent Weight, AHEW (Wt/H)	110
Density (20°C.)	1.019
Recommended Use Level, phr (EEW-190)	58
Viscosity, cps	400±50

COMPATIBILITY

Teramine[®] 101 is a unique cycloaliphatic amine hardener based on PACM for medium-cure epoxy-based coatings. The product is designed to cure Bis A and Bis F epoxies, as well as Bis A and Bis F epoxies modified with reactive diluents and non-reactive diluents. The product has excellent color stability and is recommended for use in light-tints and clear topcoats. It's resistance to yellowing is outstanding.

APPLICATIONS

Teramine[®] 101 is designed for commercial and industrial floor coating applications, particularly where very good chemical resistance is desired. Epoxy coatings based on Teramine[®] 101 can be formulated at high solids and in solvent-free coatings for application by conventional spray, roller or brush. These coatings provide excellent chemical resistance for pipe, tank, and container applications, as well as self-leveling floor coatings. Other applications include electrical castings and potting.

Epoxy coatings formulated with Teramine[®] 101 show high gloss, very low color, good color stability, and excellent overall appearance.

FEATURES

Good Color Stability and Overall Appearance with High Gloss

Excellent Chemical Resistance

Ideal for Flooring Applications

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PRODUCT USES

Suggested mix ratio with standard Bis A epoxy resins (EEW 190) is 60. For professional and industrial use only. Not intended for retail sales.

PFLAUMER PRODUCTS FOR HIGH-PERFORMANCE COATINGS

Pflaumer offers a wide variety of products to formulate high-performance coatings:

Teramine® Hardeners for Epoxies	A wide variety of hardeners for fast-cure, medium-cure, and slow-cure 2K epoxies
Terachem® 53-Colorants	Ready-to-use pigment dispersions of masstones and tints for 2K epoxies, polyurethanes and polyaspartics
Teracure® Aliphatic Polyisocyanates	Complete line of HDI-based trimer isocyanates
Teraspartic® Polyaspartic Amines	A variety of aspartic amine resins to provide slow, medium, and fast curing options
Teracure® Aromatic Polyisocyanates	MDI-based aromatic isocyanates for polyureas and urethanes
Terachem® Polyols	Specialty polyols for urethane coatings
Terachem® Reactive Diluents	Terachem® A-140 for polyureas and polyaspartics
Teraflex® Non-Reactive Diluents	Teraflex® DME-200 for polyaspartics, polyurethanes, and polyureas
Terachem® Moisture Scavengers	Molecular sieve pastes for polyaspartics, polyurethanes, and other applications
Intermediates and Modifiers	Teramine® A-136 cycloaliphatic secondary diamine for polyaspartics, epoxies, and polyureas; Terachem® cycloaliphatic amines (PACM, MACM) for epoxies; Tallicin® 3001 extends pot life for urethanes and polyaspartics
Tallicin® Wetting Agents, Dispersants, and Grinding Resins	A wide range of surfactants, wetting agents, and dispersants for both solvent-based and water-based formulations; Tallicin® acrylic and modified-acrylic grinding resins
Tallicin® Surface Tension Agents	A variety of bubble-release, flow and leveling modifier for solvent-free polyaspartics, epoxies, and polyurethanes
Tallicin® Catalysts	Tin-based catalyst for polyurethanes

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SAFETY, STORAGE, AND HANDLING

Consult MSDS before use. Store Teramine® 101 in tightly sealed containers. Prevent contact with moisture and excess humidity.

Shelf life of product is 24 months from date product is shipped by Pflaumer and then maintained in original closed containers and stored in proper storage conditions at 25°C (75°F). If repackaging, use containers that will prevent moisture contamination.

CONTAINER SIZES

5 Gallon Pail (39.7 Lbs/18 Kg)

55 Gallon Drum (474 Lbs/215 Kg)

275 Gallon Tote (2,204.6 Lbs/1,000 Kg)

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