



TERAMINE[®] 392

Medium-Cure, Low-Viscosity Hardener for Epoxies

TYPICAL CHARACTERISTICS

Appearance	Clear liquid
Density (20°C.), Lbs/Gal	8.4 ± 0.1
Flash Point	>93° C (>199° F)
Equivalent Weight (AHEW)	87
Amine Value	300-360
Color (Gardner)	<2
Viscosity, cps	40-80
Recommended Use Level (phr)	46

COMPATIBILITY

TERAMINE[®] 392 is a unique cycloaliphatic amine hardener for high-solids, fast-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 resistance to yellowing and is recommended for use in light-tints and clear topcoats.

APPLICATIONS

TERAMINE[®] 392 offers a viscosity of less than 120 cps and promotes good flow and self-leveling characteristics for commercial and industrial floor coating applications. Due to its low viscosity, epoxy coatings based on TERAMINE[®] 392 can be applied by conventional spray, roller or brush. Coatings made with TERAMINE[®] 392 also provide excellent chemical resistance for pipe, tank, and container applications, as well as concrete repair and sealers.

Epoxy coatings formulated with TERAMINE[®] 392 show high gloss, low color, good color stability, and excellent overall appearance. The product provides fast cure speed and strong toughness at both ambient and low temperatures for use in floor coatings, particularly on concrete where it offers good resistance to carbonation.

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FEATURES

Outstanding color stability and overall appearance with high gloss

Excellent chemical resistance

Low viscosity

Fast speed of cure

Good mechanical and chemical resistance

High solids and solvent-free formulations

RECOMMENDED USE LEVELS

TERAMINE[®] 392 can be formulated for 2:1 by volume ratio with Bis A epoxy resins. This ratio of use allows the formulator to offer high-quality, low-cost alternatives to typical epoxy coatings product lines with the added benefit of excellent application properties.

For industrial use only.

SAFETY, STORAGE, AND HANDLING

Consult SDS before use. Store TERAMINE[®] 392 in tightly sealed containers. Once opened, container must be stored under nitrogen and properly resealed. Prevent contact with moisture, excessive heat, and excess humidity.

Shelf life is 24 months from date of manufacture. Do not freeze. Store in tightly closed containers away from excessive humidity and heat.

CONTAINER SIZES

5 Gallon Pail (40 Lbs / 18.1 Kg)

55 Gallon Drum (441 Lbs / 200 Kg)

275 Gallon Tote (2,205 Lbs / 1,000Kg)

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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 and biuret 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 polyurea and polyaspartic systems
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 di-amine 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 modifiers for solvent-free polyaspartics, epoxies, and polyurethanes
TALLICIN® Catalysts	Tin-based catalyst for polyurethanes

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