



## TERAMINE<sup>®</sup> 76

**Epoxy Hardener for Fast-Setting Epoxy Adhesives, High-Gloss Concrete Coatings,  
Concrete Patching Compounds & Related Applications**

### TYPICAL CHARACTERISTICS

Appearance	Clear Liquid
Flash Point, °C. (TCC)	>93
Amine Value	380-400
Color, Gardner	<2G
Equivalent Weight, AHEW (Wt/H)	76
Density (20°C.), Lb/Gal	7.8 - 8.1
Recommended Use Level, phr (EEW-190)	40
Gel Time, Minutes	15
Viscosity, cps	50-150

### COMPATIBILITY

TERAMINE<sup>®</sup> 76 is a unique modified aliphatic amine hardener offering very rapid setting and curing properties and can be formulated with liquid epoxy resins for both coatings and adhesives uses. It can be used as an accelerant to amine-based hardeners in adhesives, concrete patching compounds and high-gloss, low-color coatings for concrete.

### APPLICATIONS

Adhesives and patching compounds based on TERAMINE<sup>®</sup> 76 feature very rapid setting and curing properties, and the product exhibits low viscosity for good flow and leveling. The product can be cured at relatively low temperatures and in conditions of excess humidity. Formulations based on TERAMINE<sup>®</sup> 76 have excellent adhesion, provide exceptionally rapid cure, and provide excellent chemical resistance, including both acids and alkalis. Its resistance to moisture is also excellent. These features allow TERAMINE<sup>®</sup> 76 to excel as an accelerator for cycloaliphatic amine-cured coating and flooring applications.

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## **FEATURES**

Low viscosity

Low color

Rapid gel time

Excellent adhesion

Excellent chemical resistance

Cures quickly, even at low temperatures and in humid conditions

## **RECOMMENDED USE LEVELS**

Suggested use level with standard Bis A epoxy resins (EEW-190) is 40 phr. For professional and industrial use only.

## **SAFETY, STORAGE, AND HANDLING**

Consult SDS before use. Store TERAMINE® 76 in tightly sealed containers. Prevent contact with moisture, excessive heat, 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 (40 Lbs / 18 Kg)

55 Gallon Drum (419 Lbs / 190 Kg)

275 Gallon Tote (2,095 Lbs / 950 Kg)

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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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