

**PFLAUMER**

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TERAMINE[®] A-140

Cycloaliphatic Diamine Reactive Diluent for Polyaspartic, Polyurea, and Polyurethane Coatings

TYPICAL CHARACTERISTICS

Appearance	Clear Liquid
Color, Gardner	< 150
AHEW	140
Amine Value	390 - 410
Weight Per Gallon, Lbs	7.1 - 7.3
Viscosity, cps @ 25°C	20 - 40

COMPATIBILITY

TERAMINE[®] A-140 is an amine-functional reactive diluent for polyaspartics, polyureas and polyurethanes. The product crosslinks with isocyanate groups in 2K systems and in 1K moisture-cure urethanes.

APPLICATIONS

TERAMINE[®] A-140 is designed for use in high-performance, low VOC, both clear and pigmented polyaspartic formulations to reduce viscosity and aid to improve application characteristics such as flow and leveling. Applications for polyaspartic coatings include use on concrete, metal, and wood, with and without primer, when properly formulated.

The relatively low reactivity of TERAMINE[®] A-140 with isocyanate groups helps provide more working time for polyaspartic coatings. In some polyaspartic formulations, early hardness is also seen.

The information contained herein is to the best of our knowledge true and accurate and any suggestions are made without guarantee, express or implied, since the conditions of use are beyond our control. Pflaumer Brothers, Inc. disclaims any liability incurred in connection with the use of these data or suggestions.

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FEATURES

Acts as a reactive diluent in 2K polyaspartics, polyureas and polyurethanes

Reduces viscosity, promotes improved flow, and helps with leveling

Accelerates curing in 1K moisture-cure urethanes

RECOMMENDED USE LEVELS

TERAMINE® A-140 is for industrial use only. This product must be tested in both your laboratory and later in field trials before commercial use to determine the best formulation and suitability for use and application. Pflaumer's technical service personnel are available to answer formulating questions. Recommended starter formulations are available upon request for specific applications.

SAFETY, STORAGE, AND HANDLING

Consult the SDS before using. Store TERAMINE® A-140 in tightly sealed containers. Prevent contact with moisture and excess humidity. Once opened, any remaining TERAMINE® A-140 in the container is best stored under dry nitrogen blanketing. Store, transfer, and handle under a nitrogen blanket. Replace damaged gaskets on drums or totes. Keep storage temperatures at 0°C - 40°C (32°F - 104°F).

The shelf life of TERAMINE® A-140 is 12 months from the date the product is shipped by Pflaumer and then maintained in original closed containers. If repackaging, use containers that will prevent moisture contamination. Autoignition may occur with cotton waste or similar combustible materials. Consult the SDS before using.

CONTAINER SIZES

5 Gallon Pail (35 Lbs.)

55 Gallon Drum (385 Lbs.)

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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 epoxy, polyurethane, polyurea and polyaspartic systems
TERACURE® Aliphatic Polyisocyanates N-series	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 M-series	MDI-based aromatic isocyanates for polyureas and urethanes
TERACHEM® Polyols	Specialty polyols for urethane coatings
TERAMINE® Reactive Diluents	TERAMINE® 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 diamine for polyaspartics, epoxies, and polyureas; TERAMINE® 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
TERASIL® Single-Component Moisture-Cure Modified Hydrogel Silane	A modified hydrogel silane for moisture-cure coatings on a wide range of indoor and outdoor substrates, including metal, wood, concrete, plastics, and composites.

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