



TERAMINE® A-140

Amine-Functional Reactive Diluent for Polyaspartic, Polyurea, and Polyurethane Coatings

TYPICAL CHARACTERISTICS

Appearance	Clear Liquid
Amine Number	400 ±10
Weight Per Gallon, Lbs @25°C	7.2
Flash Point, °C (Open Cup)	130
Viscosity @25°C, mPa°s	20 -30
Amine Equivalent Weight, Approx	140

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 help provide more working time for polyaspartic coatings. In some polyaspartic formulations, early hardness is also seen.

FEATURES

Acts as a reactive diluent in 2K polyaspartics, polyureas and polyurethanes. Reduces viscosity, promotes better flow and leveling. Accelerates curing in 1K moisture-cure urethanes.

PROUDCT USES (For professional use only. Not intended for retail sales.)

Teramine® A-140 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.

OTHER PFLAUMER PRODUCTS FOR THE FORMULATOR

Pflaumer offers other products for formulating 2K coatings:

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Terachem ® 53-Colorants	37 Ready-to-use pigment dispersions for 2K polyurethanes and polyaspartics, including color packs for on-site use
Teracure ® Aliphatic Polyisocyanates	Complete line of HDI-based trimer isocyanates
Teraspartic ® Polyaspartic Amines	For slow, medium, and fast curing
Terachem ®53-2242	Anti-sag additive for 2K polyaspartics
Terachem ®53-2371	Aluminum Oxide Nano-Dispersion for 2K polyaspartics
Tallicin ®1500	Flow and leveling modifier
Tallicin ®4000	Bubble-release, agent and flow/leveling modifier for high-solids polyurethanes
Tallicin ® 4040	Bubble-release, flow and leveling modifier for solvent-free polyaspartics and polyurethanes
Tallicin ®4600	Stabilized Tin Catalyst for Polyurethanes

SAFETY, STORAGE, AND HANDLING

Consult MSDS before use. 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).

Shelf life of Teramine® A-140 is 12 months from date product is shipped by Pflaumer and then maintained in original closed containers. If repackaging, use containers that will prevent moisture contamination.

CONTAINER SIZES

5 gallon pails (35 Lb/15.9 Kg)

55 gallon drums (385 Lb/174.6 Kg)

275 gallon totes (1,925 Lb/873.2 Kg)

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