



TALLICIN[®] 4065

BUBBLE-RELEASE, FLOW AND LEVELING AGENT
FOR POLYASPARTICS, POLYURETHANES, AND EPOXIES

TYPICAL CHARACTERISTICS

Appearance	Opaque Liquid
Weight Per Gallon, Lbs	8.35
Flash Point, °C (PMCC)	>45
Active,%	100

COMPATIBILITY

Tallicin[®] 4065 is a 100% active bubble-release and flow and leveling agent for 2K polyaspartics, polyurethanes, and epoxies. Tallicin[®] 4065 is designed for use in primers and topcoats, both clear and pigmented, including high-solids and solvent-free formulations. Tallicin[®] 4065 can also be used with polyester, acrylic, alkyd, and chlorinated rubber systems.

APPLICATIONS

Tallicin[®] 4065 is particularly effective in solvent-free polyaspartics, polyurethanes, and epoxies used for concrete floor coatings. Tallicin[®] 4065 contributes to bubble-release, flow, and leveling when the coating is applied onto concrete floors with squeegees and then back-rolled. Tallicin[®] 4065 helps to minimize both macro bubbles and micro bubbles. In addition, Tallicin[®] 4065 promotes the elimination of pinholes and craters that cause coating failures and customer dissatisfaction.

FEATURES

Extremely effective bubble release additive for polyaspartic, polyurethane, and epoxies

Improves flow and leveling

Acts to minimize surface defects, including pinholes, craters, and orange peel

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RECOMMENDED USE LEVELS

Normal use level for Tallicin[®] 4065 is 0.1% to 2.0% based on total formulation weight. Tallicin[®] 4065 should be carefully tested before use to determine its suitability and effectiveness in a formula. Mix well before use. Best practice is to mix pails on a shaker and mix drums on a roller. Tallicin[®] 4065 should be added to the polyol, polyaspartic amine or epoxy resin side of the 2K coating system.

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 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 modifiers 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 Tallicin® 4065 in tightly sealed containers. Prevent contact with moisture and excess humidity. Once opened, any remaining Tallicin® 4065 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 15°C - 40°C (59°F – 104°F).

Shelf life of Tallicin® 4065 is 12 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). For repackaging, use containers that will prevent moisture contamination.

CONTAINER SIZES

5 Gallon Pail (40 Lb/18 Kg)

55 Gallon Drum (441 Lb/200Kg)

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