



TALLICIN® 4055

Imparts Improved Flow and Leveling in High Solids Coatings

Bubble-release, Flow and Leveling Agent for Solvent-free Polyaspartics, Polyurethanes, and Epoxies

TYPICAL CHARACTERISTICS

Appearance	Opaque Liquid
Weight Per Gallon, Lbs	7.51
Flash Point, °C (PMCC)	88
Active, %	50

COMPATIBILITY

Tallicin® 4055 is a bubble-release and flow and leveling agent for 2K polyaspartics, polyurethanes, and epoxies. Tallicin® 4055 is designed for use in primers and topcoats, both clear and pigmented, including high-solids and solvent-free formulations. Tallicin® 4055 can also be used with polyester, acrylic, alkyd, and chlorinated rubber systems.

APPLICATIONS

Tallicin® 4055 is recommended solvent-free polyaspartics, polyurethanes, and epoxies used for concrete floor coatings, particularly those with dry film thickness greater than 10 mils. Tallicin® 4055 contributes to bubble release, flow, and leveling when the coating is applied onto concrete floors with squeegees and then back rolled. Tallicin® 4055 helps to minimize both macro bubbles and micro bubbles. In addition, Tallicin® 4055 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. signed for thick films greater than 10 mils. Improves flow and leveling. Acts to minimize surface defects, including pinholes, craters, and orange peel.

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

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Normal use level for Tallicin® 4055 is 0.1% to 2.0% based on total formulation weight. Tallicin® 4055 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® 4055 should be added to the polyol, polyaspartic amine or epoxy resin side of the 2K coating system.

SAFETY, STORAGE, AND HANDLING

Consult MSDS before use. Store Tallicin® 4055 in tightly sealed containers. Prevent contact with moisture and excess humidity. Once opened, any remaining Tallicin® 4055 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® 4055 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.

OTHER PFLAUMER PRODUCTS FOR HIGH-PERFORMANCE COATINGS

Pflaumer offers other products for formulating 2K coatings:

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
Terachem ®53-4368	Aluminum Oxide Nano-Dispersion for 2K epoxies
Tallicin ®1500	Flow and leveling modifier
Tallicin ®3000	Pot life extender for trimer-type isocyanates used in 2K polyurethanes
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

CONTAINER SIZES

5 Gallon Pail (35.2 Lb/16 Kg)

55 Gallon Drum (397 Lb/180Kg)

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