



## TALLICIN® 4050

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® 4050 is a bubble-release and flow and leveling agent for 2K polyaspartics, polyurethanes, and epoxies. Tallicin® 4050 is designed for use in primers and topcoats, both clear and pigmented, including high-solids and solvent-free formulations. Tallicin® 4050 can also be used with polyester, acrylic, alkyd, and chlorinated rubber systems.

### APPLICATIONS

Tallicin® 4050 is particularly effective in solvent-free polyaspartics, polyurethanes, and epoxies used for concrete floor coatings. Tallicin® 4050 contributes to bubble-release, flow, and leveling when the coating is applied onto concrete floors with squeegees and then back-rolled. Tallicin® 4050 helps to minimize both macro bubbles and micro bubbles. In addition, Tallicin® 4050 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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## **PROUDUCT USES (For professional use only. Not intended for retail sales.)**

Normal use level for Tallicin® 4050 is 0.1% to 2.0% based on total formulation weight. Tallicin® 4050 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® 4050 should be added to the polyol, polyaspartic amine or epoxy resin side of the 2K coating system.

## **OTHER PFLAUMER PRODUCTS FOR THE FORMULATOR**

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
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

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

Consult MSDS before use. Store Tallicin® 4050 in tightly sealed containers. Prevent contact with moisture and excess humidity. Once opened, any remaining Tallicin® 4050 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).

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Shelf life of Tallicin® 4050 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 (35.2 Lb/16 Kg)

55 Gallon Drum (397 Lb/180Kg)

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