



## TALLICIN® 4050

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

### TYPICAL CHARACTERISTICS

Appearance	Clear Liquid
Odor	Mild Sweet Odor
Density, LBS/gal	7.47
Non-Volatiles % By Weight	19 - 25

### 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

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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

## **RECOMMENDED USE LEVELS**

Normal use level for TALLICIN® 4050 is 0.1% to 2.0% based on total formulation weight. TALLICIN® 4050 should be carefully tested before using to determine its suitability and effectiveness in a formula.

Mix well before using. 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.

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

Consult SDS before use. Store TALLICIN® 4050 in tightly sealed containers. Prevent contact with moisture and excess humidity.

Shelf life of product is 24 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). If repackaging, use containers that will prevent moisture contamination.

## **CONTAINER SIZES**

5 Gallon Pail (35 Lbs.)

55 Gallon Drum (396 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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