

TALLICIN® 1500

Imparts Improved Flow and Leveling in High Solids Coatings

TYPICAL CHARACTERISTICS

Appearance	Light Brown Liquid
Flash Point, °C. (P-M)	77
Density (20°C.)	0.963 - 0.972
Solubility In Water	Negligible
Odor	Hydrocarbon

COMPATIBILITY

Tallicin® 1500 is recommended for air-dried and baked coatings to improve gloss, flow and leveling. Tallicin® 1500 eliminates bubbling, cratering and pinholes without negative effects on other paint properties such as chemical resistance and water resistance. Silicone-free Tallicin® 1500 has demonstrated wide compatibility with most vehicles and coatings systems.

APPLICATIONS

Tallicin® 1500 helps produce a high gloss effect as it eliminates bubbles and craters seen in dip tank applications. Tallicin® 1500 also contributes intercoat adhesion in baking finishes and helps to eliminate surface defects, particularly in high solids coatings.

Tallicin® 1500 improves the leveling and brushability of air-dried solvent-based coatings and usually improves the depth of image of gloss paints. Tallicin® 1500 also reduces the viscosity of alkyd varnishes. In addition, Tallicin® 1500 improves the flow and leveling of nitrocellulose lacquers.

Tallicin® 1500 has an extremely high solvency and a very low evaporation rate. Tallicin® 1500 provides high gloss and excellent flow properties to both 2K and oil-modified urethane systems. Brush-applied urethane systems will approach the depth of image and look of spray applied systems.

KEY FEATURES

- Provides improved flow and leveling in high solids coatings
- Eliminates craters, bubbles and pinholes
- Imparts good brushability and open time
- Improves gloss and overall appearance
- Silicone-free
- Excellent compatibility

RECOMMENDED USE LEVELS

Generally, a starting point level of 0.5% to 3.0% based on total formula weight is suggested for Tallicin® 1500.

Add Tallicin® 1500 into either the grind portion of the paint or as a post additive.

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® Polyisocyanates

Teraspartic® Polyaspartic Amines

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® 1500 in tightly sealed containers. Prevent contact with moisture and excess humidity. Once opened, any remaining Tallicin® 1500 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 product 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). If repackaging, use containers that will prevent moisture contamination.

CONTAINER SIZES

5 Gallon Pails (40 Lb/18 Kg)
55 Gallon Drums (448 Lb/203 Kg)

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