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DATA SHEET

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TALLICIN® 4000

High-Performance Bubble-Release Agent for Polyurethanes

TYPICAL CHARACTERISTICS

Appearance Colorless Liquid
Weight Per Gallon, Lbs 7.3 ± 0.1
Flash Point (TCC) 41°C.

COMPATIBILITY

Tallicin® 4000 is a high performance bubble-release and anti-cratering agent for moisture-cure and 2K polyurethanes. Tallicin® 4000 is used in both primers and top-coats, in clears as well as pigmented systems. Tallicin® 4000 is used in systems formulated with polyester, polyether, acrylic, and other hydroxylated polyols.

APPLICATIONS

Tallicin® 4000 is particularly effective in high-solids polyurethanes and it minimizes bubbles from the film prior to curing. Tallicin® 4000 also improves flow and leveling, and it helps eliminate cratering.

KEY FEATURES

Extremely effective bubble-release additive for polyurethanes
Improves flow and leveling
Acts as an anti-cratering additive

RECOMMENDED USE LEVELS

Normal use level of addition for Tallicin® 4000 is 2.0% to 4.0%, based on the weight of the polyol component. A smaller quantity may suffice for relatively low solids systems. In low VOC finishes, a greater quantity of Tallicin® 4000 will be required. Use higher levels of Tallicin® 4000 for thicker film applications, particularly those ≥ 8 mils DFT.

SAFETY, STORAGE, AND HANDLING

Consult MSDS before use. Store Tallicin® 4000 in tightly sealed containers. Prevent contact with moisture and excess humidity. Once opened, any remaining Tallicin® 4000 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® 4000 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.

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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
- 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 – Deaerator, bubble-release, flow and leveling modifier for solvent-free polyaspartics and polyurethane
- Tallicin[®] 4600 – Stabilized Tin Catalyst for Polyurethanes

CONTAINER SIZES

5 Gallon Pail (35 Lb/16 Kg)

55 Gallon Drum (400 Lb/181 Kg)

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