Tallicin® 3405

PIGMENT DISPERSANT FOR NON-AQUEOUS SYSTEMS

TYPICAL CHARACTERISTICS

Appearance .......................................................... Pale brown liquid
Color (Gardner) ................................................... 15 Max.
Weight per Gallon (Lb/gal) .................................. 8.0 ± 0.2
Non-Volitiles by Wt. ........................................... >99.0%

COMPATIBILITY

Tallicin® 3405 is a complex solution of a salt of an unsaturated polyamine amide and lower molecular weight, acid-functional polymers. Tallicin® 3405 is suitable for all systems containing petroleum solvents, petroleum oils, and oxygenated solvents. Vehicle types in which Tallicin® 3405 is effective include the following: alkyds, acrylics, drying oils, saturated polyesters, epoxy esters, two-component epoxies, oil-modified urethanes, vinyls and amino resins. The product is compatible with various plasticizers used in vinyl plastisols and similar systems.

APPLICATION

Tallicin® 3405 is a high-performance wetting and dispersing agent for both organic and inorganic pigments, providing good wetting characteristics and very stable dispersions. Tallicin® 3405 is extremely effective in dispersing high oil-absorbing pigments, including acidic carbon black, and difficult to disperse pigments such as carbazole violet. Tallicin® 3405 is also effective in dispersing molybdenum for high pressure gear lubricants and is heat stable.

Tallicin® 3405 acts as an effective wetting agent in combination with pigment-affinic polymeric dispersants such as Tallicin® 1555 and Tallicin® 1510. The product is an excellent viscosity reducer/stabilizer for pigment dispersions in plasticizers such as DINP.

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RECOMMENDED USE LEVEL
Tallicin® 3405 should be added to the mill base at a loading of 0.5-7.5% based on inorganic pigments and 2.5-25% based on organic pigments.

CONTAINER SIZES
5 Gallon pails and 55 Gallon Drums