



## Tallicin® K-14 Polymeric Dispersant

Pigment-Affinic Dispersant for Solvent-Based Coatings and Pigment Dispersions

### TYPICAL CHARACTERISTICS

Appearance	Clear Liquid
Nonvolatile	95% By Weight, Min.
Flash Point (P-M)	28°C
Specific Gravity	1.17

### COMPATIBILITY

Tallicin® K-14 is suitable for dispersing organic and inorganic pigments in solvent-based coatings systems when incorporated into the millbase prior to the addition of pigments. Tallicin® K-14 is compatible with epoxies, polyurethanes and polyaspartics, as well as many other solvent-based systems. Each formulation should be thoroughly tested before use.

### APPLICATIONS

Tallicin® K-14 is a polymeric dispersant with multiple anchor groups that can be used to disperse inorganic and organic pigments in a variety of systems such as solvent-based coatings. When properly formulated, Tallicin® K-14 improves pigment wetting, color development, and stability of the dispersion. It allows the formulator to reduce the viscosity or increase the pigment loading in the mill base, thus improving both efficiency and cost of production. Tallicin® K-14 acts to deflocculate pigments through steric hindrance, helping to reduce flooding and floating. In many formulations, this results in improvements in gloss and color strength, as well as a reduction of viscosity.

### FEATURES

- Improves color strength.
- Higher pigment concentration or reduced mill base viscosity.
- Stabilizes the viscosity of the mill base.
- Effective with Organic and Inorganic Pigments.

### PROUDCT USES (For professional use only. Not intended for retail sales.)

Tallicin® K-14 should be added to the mill base between 2 and 20% based upon pigment weight if the surface area of the pigment is unknown. Inorganic pigments require a relatively low level of use, while organic pigments need a relatively high level of use based on pigment weight. If the Pigment Surface Area is known then use the following formula:  
(Pigment Surface Area) ÷ 5 = (Percent dispersant on the weight of the pigment.)

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## **CONTAINER SIZES**

5 Gallon Pails and 55 Gallon Drums and Totes.

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