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TALLICIN® K-24

100% POLYMERIC DISPERSANT FOR SOLVENT-BASED INDUSTRIAL COATINGS

TYPICAL CHARACTERISTICS

Appearance	Cream to yellow granular solid
Boiling Point, °C	Decomposes before boiling >250°C
Melting Point, °C	47 °C
Density, g/cm^3	1.13
Color, Gardner (20% solution in 4:1 xylene:butanol)	9 Max

PROPERTIES

Tallicin® K-24 is a 100% polymeric dispersant that provides excellent wetting and dispersion characteristics for organic pigments in solvent-based automotive and industrial coatings applications. The pigment-affinic functionality of Tallicin® K-24 produces increased color strength, higher pigment loadings, and improved stability of pigment dispersions, particularly those involving difficult-to-disperse pigments such as carbon black and high-performance pigments. Tallicin® K-24 is compatible with a broad spectrum of resins, various aromatic solvents, and monomers used in UV-cured coatings and inks.

APPLICATIONS

Tallicin® K-24 is designed as an effective wetting and grinding polymeric dispersant for solvent-based industrial coatings and packaging gravure printing inks. Tallicin® K-24 is used to produce stable dispersions with high pigment loadings, low viscosities and controlled flocculation. It provides improvements in gloss and clarity along with resistance to flooding and floating.
Use level is pigment surface area (m^2 /g) divided by 5. Typically a phthalo blue pigment has a surface area of 50m^2 /g, so in this case the use level of Tallicin® K-24 would be 10% of the weight 2 of pigment (50 ÷ 5 = 10). If desired pigment loading is 30% by weight of the millbase, then recommended use level would be 3% of the total millbase (30 ÷ 10 = 3).

FEATURES

Excellent wetting properties.
Excellent stabilizing properties.
Compatibility with many binders.
High pigment loadings with low viscosity.

CONTAINER SIZES

25 Kg Drums (55.1 Pounds)