



Product Code: 2301

TROYSOL™ AFP

Non-ionic Wetting and Anti-Floating Additive for Solvent & Water-reducible Systems

Description

Troysol™ AFP is a micro-milled calcium carbonate treated with surface active agents and pigment dispersants to improve pigment wetting and reduce flooding and floating by controlling the interfacial tension in systems to which it is added.

Application & Use

Troysol AFP is effective in non-aqueous and water-reducible systems in which pigment flooding and/or floating is observed. Typical applications include:

- Colors based on mixtures of organic and inorganic pigments
- Tint-bases designed for point-of-sale or point-of-use shading
- Coatings designed for dip, flow coat, brush, and spray application

Product Highlights

- Positive control of flooding and floating
- Does not affect coating properties such as gloss or durability
- Particularly effective with poor wetting binders
- Reduces color problems in spray/dip applications
- Minimizes problems when paints are tinted at the point of sale or use

Physical Properties

The following are typical properties of Troysal AFP; they are not to be considered product specifications.

Appearance: White/off White dispersible powder
Specific Gravity, 25°C:.....2.7 g/cc
% Non-Volatile By Weight..... 99.5
Sieve Analysis (retained on 325 mesh screen U.S. Std.) 0.5%

Function/Activity

Troysol AFP is generally effective at levels of 0.2% to 0.6% by weight of finished paint. When added as a post-add paste as described under Formulating Considerations, slightly higher levels may be required.

Troysol AFP should be added to the dispersion stage of the formulation, prior to pigment addition. Dispersions can be obtained by high speed or media mill dispersion equipment.



Formulation Considerations

Troysol™ AFP can be used effectively as a post-add in finished paints which show flooding and floating. The technique is to disperse Troysol AFP using the paint as the dispersing medium. Disperse as a stiff paste to the appropriate fineness. The paste dispersion is then added back to the paint with thorough mixing.

Shipping & Packaging

Troysol AFP is packaged in:

Shipping Container	Net Weight
Carton	50 lbs. / 23 kg
Drums	250 lbs. / 113 kg

Product Safety Information

For health and safety data and handling, storage and disposal procedures, please refer to the Safety Data Sheet (SDS) and product label.

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