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Product Code: 60371

## TROYSOL™ S366

### Substrate Wetting and Surface Flow & Leveling Additive for Non-Aqueous Systems

#### Description

Troysol™ S366 is a non-ionic siloxane copolymer wetting additive that promotes improved substrate wetting and surface flow and leveling in non-aqueous systems. Troysol S366 provides strong surface tension reduction with a small increase in surface slip. The additive does not affect inter-coat adhesion when used at recommended use levels.

#### Application & Use

Troysol S366 is recommended for non-aqueous systems that exhibit inadequate substrate wetting and/or inferior surface flow & leveling properties. The product is especially useful for finishing applications where inadequate substrate preparation is encountered. Troysol S366 imparts excellent substrate wetting for low energy and contaminated surfaces. It promotes surface flow and leveling for improved smoothness, increased gloss, and the elimination of system defects such as craters, pinholes, and fisheyes. Troysol S366 is effective at improving substrate wetting when using resin systems with poor wetting characteristics such as epoxy and chlorinated rubber.

- Effective in most solvent-based resin systems
  - Epoxy
  - Urethane
  - Polyester
  - Acrylic
  - Alkyd and modified alkyd
  - Vinyl
  - Chlorinated rubber

#### Product Highlights

- Promotes excellent substrate wetting for low energy and contaminated surfaces
  - Eliminates craters, pinholes, and fisheyes
  - Improves adhesion
- Enhances surface flow and leveling
  - Increases surface smoothness
  - Promotes higher gloss
  - Imparts higher Distinctness of Image (DOI)
- Promotes improved color acceptance and wetting of metallic and effect pigments
  - Reduces color float
  - Improves alignment of metallic and effect pigments

#### Physical Properties

*The following are typical properties of Troysol S366; they are not to be considered product specifications.*

Appearance: .....	Pale yellow liquid
Specific Gravity, 25°C:.....	0.96
Viscosity (Gardner-Holdt) .....	D
Flash Point.....	110°F (43° C)

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## Function/Activity

Troysol™ S366 is effective at use levels of 0.2-0.3% based on total formulation weight. Optimum use levels for specific formulations should be determined by laboratory evaluation.

## Formulating Considerations

Troysol S366 should be added at the end of the manufacturing process. It is easily incorporated with mild agitation and can be post-added for product improvement or correction. The final formulation should be thoroughly tested to insure that there is no adverse effect on coating properties such as inter-coat adhesion.

## Shipping & Packaging

Troysol S366 is packaged in:

Shipping Container	Net Weight	Shipping Container	Net Weight
Pail	40 lbs. / 18 kg.	Large Drum	400 lbs. / 181 kg.
Small Drum	99 lbs. / 45 kg.		

## Product Safety & Additional Information

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

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