

AFCONA-3589



Chemical Composition

Organically fluorocarbon modified polysiloxane.

Product general description

AFCONA-3589 is a substrate wetting and anti-crater agent for aqueous coatings and printing inks.

Product Properties

AFCONA-3589 is a substrate wetting agent based on an organically-modified fluorocarbon polysiloxane. Due to its short molecular chain segments, AFCONA-3589 can quickly reduce surface tension and migrate to defective surface areas.

AFCONA-3589 has excellent anti-crater properties. Hence, it causes no foam stabilization or inter-coat adhesion problems.

AFCONA-3589 offers the following advantages:

- 1) Excellent anti-crater behavior.
- 2) Good substrate wetting property.
- 3) Good leveling property.
- 4) No inter-coat adhesion problems. No re-coating problems.
- 5) Little or no foam stabilization.

*Note: AFCONA-3589 is 100% active ingredient. However, due to its special structure, the non-volatile matter test may show unstable results.

Product Specification

Density	0.96 - 1.00 g/cm ³ (20°C)
Refractive index	1.405 - 1.425 (25°C)
Gardner color	Max.5
Flash point	47°C
Appearance	Yellow clear liquid (25°C)

Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.2-0.6% based on total formulation.

Incorporation

AFCONA-3589 can be incorporated during the paint adjustment process. Shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-3589 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 200 kg non-returnable containers

For product safety information: please refer to the product SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.