

# AFCONA-3596



## Chemical Composition

Polyether modified polysiloxane.

## Product general description

AFCONA-3596 is a leveling and substrate wetting agent for aqueous coatings and printing inks.

## Product Properties

AFCONA-3596 is a specially designed polyether-modified polysiloxane substrate wetting agent. It is particularly suitable for water-based epoxy formulations and can be used for substrate wetting in printing inks, wood and furniture coatings, polymer emulsions and industrial coatings.

AFCONA-3596 has both excellent substrate wetting and defoaming properties. It can improve the wetting performance for many substrates and facilitates leveling.

AFCONA-3596 offers the following advantages:

- 1) Solvent-free, VOC-free.
- 2) Good substrate wetting and leveling performance.
- 3) No inter-coat adhesion problems. No re-coating problems.
- 4) Little or no foam stability.

## Product Specification

Non-volatile matter	≥88% (120°C,0.5h)
Density	1.00 - 1.03 g/cm <sup>3</sup> (20°C)
Refractive index	1.427 - 1.447 (25°C)
Gardner color	Max.7
Flash point	>100°C
Appearance	Yellow to pale yellowish clear liquid (25°C)

## Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.2-0.8% based on total formulation.

## Incorporation

AFCONA-3596 should be added during the paint mixing stage. Shear force is required to make sure well-mixed with the base paste system.

## Storage

AFCONA-3596 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 take reference of SDS.**

AFCONA ADDITIVES

Web Site : [www.afcona.com](http://www.afcona.com)

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