

# AFCONA-2590



## Chemical Composition

Modified polysiloxane aqueous emulsion defoamer

## Product general description

A water-based emulsion defoamer for general industrial paints, wood coatings and other applications. It prevents foam formation, breaks subsurface foam, and helps minimize the risk of craters and fish eyes.

## Product properties

AFCONA-2590 is a pre-emulsified polysiloxane defoamer of easy incorporation into water-based coating systems with a low risk of cratering, good wetting and leveling properties.

AFCONA-2590 rapidly migrates to the surface to eliminate air bubbles, even in high solid, high viscosity systems. It is also effective against micro-foam caused by spraying and roller coating processes.

AFCONA-2590 is recommended for:

- 1) Various water-based industrial coatings.
- 2) Water-based inks.
- 3) Water-based pigment concentrates.

Note:

- 1) AFCONA-2590 may separate when stored for a period. Ensure it is mixed well before use. It will not influence the performance.
- 2) AFCONA-2590 may freeze and be damaged if stored below 0°C. Suggested storage temperature between 5-45°C.

## Product Specification

Non-volatile matter	31 - 35% (120°C, 0.5h)
Solvent	Water
Density	0.97 - 1.01 g/cm <sup>3</sup> (20°C)
Flash point	≥100°C
Appearance	Milky white liquid (25°C)

## Addition and dosage

0.1-2.0% on total formulation. Under normal condition, the dosage is 0.2-1.0% based on total formulation.

For pigment concentrates: 0.3-0.8%.

## Incorporation

AFCONA-2590 can be added at any stage during the production process. Shear force must be applied to ensure homogeneous mixing with the system.

## Storage

AFCONA-2590 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 2 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

## Packaging

25kg and 200kg 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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This version replaces all previous ones.