

# AFCONA – 2590



## Chemical Composition

Silicone containing defoamer in emulsion form for water-based system.

## Product general description

Water based emulsion defoamer for general industrial paints, wood coatings and etc. It can prevent formation and destroy the foams under the surface. And it can also reduce the chances of carters and fish eyes.

## Product properties

AFCONA – 2590 is a pre-emulsification water based silicone defomer. It can be easily prepared to water-born coating systems. It also can easily move to the surface and destroy the surface air-bubbles in high viscosity systems. It is also suit for airless spray and roller to destroy small blisters.

AFCONA – 2590 is recommended for below systems:

- 1) All water-based industrial paints.
- 2) Water-based inks.
- 3) Water-based pigment concentrates.

Note: 1) AFCONA-2590 would be seperated when stored for a period. Make sure well mixed before application. It will not influence the performance.

2) AFCONA-2590 will be frozen and damaged below 0°C. Suggested storage temperature between 5-45°C.

## Product Specification

Solvent	water
Non-volatile matter	31 - 35% (120°C,0.5h)
Density	0.97 – 1.01 g/cm <sup>3</sup> (20°C)
Flash point	≥100°C
Appearance	White milky emulsion (25°C)

## Addition and dosage

0.1 – 2.0% on total formulation. In general at normal condition, the dosage is 0.2 – 1.0%. formulation with pigment, the dosage is 0.3-0.8%.

## Incorporation

AFCONA-2590 can be added at any stage during the production process. And shear force dispersing is needed. If added at the end of process, well mixing is needed.

## Storage

AFCONA-2590 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 2 years from the date of manufacture. The expiry date is indicated on the container.

## Packaging

25kg and 200kg non-returnable plastic containers

AFCONA ADDITIVES

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

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This version replaces all previous ones.