

# AFCONA-2290



## Chemical Composition

Silicone-free polymeric defoamer

## Product general description

AFCONA-2290 provides anti-foaming and de-aeration properties.

## Product properties

AFCONA-2290 is a non-silicone defoamer for solvent-based and solvent-free systems, offering strong defoaming and anti-foaming performance.

AFCONA-2290 is recommended for:

- 1) Solvent-based and solvent-free systems, including epoxy, polyurethane, unsaturated polyester and UV coatings.
- 2) Other high-polarity systems, like nitrocellulose and acid-curing coatings. For low solid content and thin-film application systems, crater formation must be checked and verified, as this defoamer is 100% active solid.
- 3) Due to its strong defoaming performance and silicone-free nature, it is highly indicated for primer coatings.
- 4) Coil and can coatings.
- 5) PVC compounds.

## Product Specification

Non-volatile matter	≥96% (150°C, 0.5h)
Density	0.84 - 0.87 g/cm <sup>3</sup> (20°C)
Refractive index	1.470 - 1.485 (25°C)
Gardner color	Max.3
Appearance	Colorless to slightly yellow viscous liquid (25°C)

## Addition and dosage

0.5-1.5% on total formulation. Under normal conditions, the dosage is 1.0% for solvent-free system and 0.5% for solvent-based system, based on total formulation.

## Incorporation

AFCONA-2290 should be incorporated at the early stage of the production process. If added subsequently, shear force must be applied to ensure homogeneous mixing with the system.

## Storage

AFCONA-2290 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 5 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

## Packaging

25kg and 170kg non-returnable containers

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

AFCONA ADDITIVES

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

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This version replaces all previous ones.