

# AFCONA-2280



## Chemical Composition

Organically modified polyalkyl polysiloxane

## Product general description

AFCONA-2280 is a very effective de-aerating agent for solvent-based and solvent-free coating systems.

## Product properties

AFCONA-2280 provides rapid de-aeration in pigmented and matte wood coatings, including nitrocellulose, acid-curing, and polyurethane systems.

In high-gloss and clear topcoat wood coatings polyurethane or acrylic based, at dosage over 0.5% on total formulation, it may cause in-can haziness.

AFCONA-2280 is suitable for polyurethane and epoxy compounds used in flooring or general industrial application.

AFCONA-2280 also acts as a very good leveling agent, giving a smooth surface to the coating.

Compared to AFCONA-2722, AFCONA-2280 has a higher silicone content and a greater concentration of active defoaming ingredients, making it a better option.

## Product Specification

Non-volatile matter	≥90% (120°C, 0.5h)
Density	0.90 - 0.94 g/cm <sup>3</sup> (20°C)
Gardner color	Max.3
Flash point	>100°C
Appearance	Clear to slightly hazy yellow liquid (25°C)

## Addition and dosage

0.10-1.00% on total formulation. Under normal conditions, the dosage is 0.10-0.50% based on total formulation.

## Incorporation

To prevent bubble formation, AFCONA-2280 should be added at the beginning of the production process or during paint formulation. If added at the end of the formulation, shear force must be applied to ensure homogeneous mixing with the system.

## Storage

AFCONA-2280 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 180kg 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.