

# AFCONA-2025



## Chemical Composition

Fluorocarbon-modified, polysiloxane based defoaming polymer.

## Product general description

A moderate defoamer with minimum side effects.

## Product Properties

AFCONA-2025 prevents foam and blisters formation during the manufacturing and application. It combines effective defoaming with good compatibility in most resin systems. It is recommended for medium-viscosity applications applied by spray and brush.

AFCONA-2025, AFCONA-2035 and AFCONA-2040 have almost the same chemical structure, but with different modifications. However, the performances are very different in some systems. We recommend testing all three defoamers for correct match in your formulation. In many cases, AFCONA-2035 or AFCONA-2040 might demonstrate superior performance.

AFCONA-2025 is recommended for brush and conventional spray applications in systems ranging from low to high polarity.

AFCONA-2025 is recommended for:

- 1) Air drying alkyd systems, physical drying systems, based on acrylic, vinyl or chlorinated polymers.
- 2) Polyurethane systems for wood coatings, plastic coatings and automotive refinish paints.
- 3) Nitrocellulose lacquers and acid-curing systems for wood coatings and general industrial coatings.
- 4) Two-component solvent-based epoxy systems.
- 5) Baking paints based on alkyd, acrylic and saturated polyester.

## Product Specification

Solvent	Cyclohexanone
Density	0.94 - 0.96 g/cm <sup>3</sup> (20°C)
Refractive index	1.445 - 1.455 (25°C)
Flash point	42°C
Appearance	Clear to slightly yellow liquid (25°C)

## Addition and dosage

0.10-1.00% on total formulation. Under normal conditions, the dosage is 0.20-0.40% based on total formulation.

## Incorporation

AFCONA-2025 can be incorporated during the paint adjustment process. If added subsequently, it must be well-dispersed in the system.

## Storage

AFCONA-2025 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 190kg non-returnable containers

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

AFCONA ADDITIVES

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

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.