

AFCONA - 2025



Chemical Composition

Silicone containing defoaming polymer modified with fluorocarbon.

Product general description

A moderate defoamer with Minimum side effects

Product Properties

AFCONA-2025 prevents the formation of foam and blisters during manufacturing and application. It has the combination of good defoaming as well as compatibility with 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 with different modifications. However, the performance is very different in some systems. We recommend try all three of them in order to be sure to choose the most suitable defoamer for your system, however most of the time AFCONA – 2035 or AFCONA – 2040 perform better.

AFCONA-2025 is recommended for brush and conventional spray applications, very suitable also for systems ranging from low polar to high polar.

Recommended applications:

- 1) air drying alkyd systems, physical drying systems, based on acrylic, vinyl or chlorinated polymers
- 2) polyurethane systems for wood, plastic and car refinish
- 3) NC lacquers and acid curing for wood coatings and general industrial
- 4) 2 pack solvent based epoxy
- 5) Baking paint based on alkyd, acrylic and saturated polyester

Product specification

Solvent	Cyclohexanone
Density at 20 °C	0.94 - 0.96 g/cm ³
Reflective index	1.445 – 1.455
Flashpoint	42 °C
Appearance	slight yellowish to transparent liquid

Addition and dosage

0.1- 1.0% on total formulation. In general under normal conditions, the dosage is 0.20 – 0.40% based on total formulation.

Incorporation

AFCONA-2025 can be incorporated prior to processing. If it is added subsequently, good dispersion must be ensured.

Storage

AFCONA – 2025 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25 kg and 170 kg non-returnable containers