

# AFCONA - 2024



## Chemical Composition

Silicone free polymer.

## Product general description

This is a strong defoamer with leveling performance for all solvent based coatings.

## Product properties

AFCONA – 2024 is a unique defoamer. It has very strong defoaming and anti-foam performances with additional good leveling. This in contrary with most of the other defoamers, which influence the leveling performance negatively.

AFCONA-2024 is suitable for solvent- based coatings, printing inks and thermosetting resin systems. It eliminates foam and blistering, regardless whether the air bubbles are caused by the substrate.

As mentioned, AFCONA-2024 has very strong defoaming as well as anti-foaming properties. In most cases, the de-aeration property is satisfactory. To improve further the de-aeration performance, a combination with silicone defoamers like: AFCONA-2023 or AFCONA-2045 at 0.1-0.2% is recommended.

AFCONA-2024 is particularly suitable for the following applications:

- 1) Nitrocellulose lacquers and acid cured wood finishes especially those applied by curtain coaters
- 2) Two-component polyurethane lacquers, except for high gloss clear (due to high incompatibility), which are applied by spraying or brushing.
- 3) Cold cured epoxy resin systems, as well as unsaturated polyester systems (SMC, BMC and gel coats)
- 4) Baking paint applied by curtain coater and dipping
- 5) Any other solvent based system wherein transparency is not important like coloured and matted systems.

Not suitable for air dry alkyd systems.

## Product Specification

Solvent	S.B.P. Spirit/ PMA
Density	0.83 – 0.86 g/cm <sup>3</sup> (20°C)
The refractive index	1.430-1.440 (25°C)
Flash point	44°C
Appearance	Transparent, Slightly yellow/ colourless liquid (25°C)

## Addition and dosage

0.1- 1.0% on total formulation. In general under normal conditions, the dosage is 0.20 – 0.50% based on total formulation.

## Incorporation

As a strong defoaming agent, AFCONA- 2024 is recommended to be incorporated prior during pre-mix. If added subsequently, good dispersion must be ensured.

## Storage

AFCONA-2024 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 5 years from the date of manufacture. The expiry date is indicated on the container.

## Packaging

20kg and 190kg non-returnable containers

AFCONA ADDITIVES

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

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This version replaces all previous ones.