

# AFCONA - 2050



## Chemical Composition

silicone free defoamer.

## Product general description

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

## Product properties

AFCONA - 2050 is a unique defoamer. It has very strong defoaming and anti-foam performances with additional good levelling. This is contrary with most of the other defoamers, which influence the levelling performance negatively.

AFCONA-2050 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-2050 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-2050 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 its 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 where in-can transparency is not important like coloured and matted systems.

Note: Not suitable for air drying alkyd systems.

## Product Specification

Solvent	SBP 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	30°C
Appearance	Colorless to yellow, transparent 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- 2050 is recommended to be incorporated prior during pre-mix. If added subsequently, good dispersion must be ensured.

## Storage

AFCONA-2050 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 170kg non-returnable containers

## **For product safety information: please take reference of SDS.**