

# AFCONA - 2021



## Chemical Composition

Defoaming polymer, silicone free

## Product general description

A well balance silicone free defoamer on compatibility and defoaming performance

## Product Properties

AFCONA-2021 is a silicone-free defoamer for various coating systems. It functions well during the application of paints and lacquers. Also prevents the entrapment of air during processing steps such as stirring, pumping etc.

AFCONA-2021 has good compatibility with most resin systems. However, for better in-can clarity and dry film transparency, the non-silicone defoamer AFCONA-2018 will be a better choice.

AFCONA-2021 is mainly used in wood coating system due to it good defoaming and acceptable in can haziness.

AFCONA-2021 is especially suited for solvent-based coatings if foam formation is a problem when applied by spraying or brushing.

AFCONA-2021 can be used in:

- 1) polyurethane coatings, non- acrylic based for wood.
- 2) acid-curing coatings for wood
- 3) air-drying alkyd-paints for decorative and protective coatings
- 4) stoving systems for industrial application
- 5) NC lacquers for wood, general industrial and car refinish.

Remark: AFCONA – 2021 is not suited for acrylic based systems.

## Product specification

Solvent	Xylene
Density at 20 °C	0.85 - 0.87 g/cm <sup>3</sup>
Reflective index	1.490 – 1.500
Flashpoint	25 °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 0.30 – 0.50% based on total formulation.

## Incorporation

AFCONA-2021 can be incorporated prior to processing. If added subsequently, good dispersion must be ensured.

## Storage

AFCONA – 2021 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