

AFCONA - 2021



Chemical Composition

Silicone free, defoaming polymer

Product general description

A silicone-free defoamer with excellent balance between compatibility and defoaming performance.

Product properties

AFCONA-2021 offers excellent defoaming for a wide range of solvent based systems, including pigmented paints and varnishes. It also prevents air entrapment in several processes, like stirring or pumping.

AFCONA-2021 exhibits excellent compatibility with most resin systems. However, for applications requiring superior in-can and dry film transparency, AFCONA-2018 is preferred.

AFCONA-2021 is mainly used in wood coatings due to its effective defoaming performance and minimal in-can haziness. It is particularly suitable for solvent-based coatings applied by spray gun and/or brush.

AFCONA-2021 is recommended for:

- 1) Non acrylic based polyurethane coatings for wood.
- 2) Acid-curing wood coatings.
- 3) Air-drying alkyd paints for decorative and protective coatings.
- 4) Industrial baking finishes.
- 5) Nitrocellulose wood lacquers, general industrial paints, and automotive refinish paints.

Remark: AFCONA-2021 is not recommended for acrylic based systems.

Product Specification

Solvent	Xylene
Density	0.85 - 0.87 g/cm ³ (20°C)
Refractive index	1.490 - 1.500 (25°C)
Flash point	32°C
Appearance	Clear to slightly yellow liquid (25°C)

Addition and dosage

0.1- 1.0% on total formulation. 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 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

20kg and 170kg non-returnable containers

For product safety information: please take reference of SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.