

AFCONA - 2023



Chemical Composition

Silicone containing defoaming polymer

Product general description

A moderate defoamer with minimum side effects

Product Properties

AFCONA-2023 prevents the formation of foam and blisters during the manufacturing and application of solvent-based coatings.

AFCONA-2023 has a moderate defoaming property and therefore considered as a very safe defoamer to use. It does not show obvious side effects like other defoamers.

AFCONA – 2023 is the silicone containing version of AFCONA – 2021. Both defoamers have very well balance of defoaming performance and causing in-can haziness.

AFCONA – 2023 is suitable from low polar system to high polar system, where else, AFCONA – 2018 is more suitable for medium polar to high polar system.

AFCONA-2023 can be used in:

- 1) two-pack polyurethane system for refinish, wood and general industrial
- 2) NC and acid curing system for wood
- 3) industrial coatings like baking enamels, acrylic thermosetting and oil free polyester systems
- 4) Air drying systems like long and medium oil alkyd

Product specification

Solvent	Methoxy Propyl Acetate / Alkylbenzene
Density at 20 °C	0.88 - 0.90 g/cm ³
Reflective index	1.480 – 1.490
Flashpoint	42 °C
Appearance	slight yellowish to transparent liquid

Addition and dosage

0.1- 0.5% on total formulation. In general under normal conditions, the dosage is 0.20 – 0.40% based on total formulation.

Incorporation

AFCONA-2023 can be incorporated prior to processing. If added subsequently, good dispersion must be ensured.

Storage

AFCONA – 2023 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