

# AFCONA - 2023



## Chemical Composition

Polysiloxane based defoaming polymer.

## Product general description

Moderate defoaming with minimal side effects.

## Product properties

AFCONA-2023 is suitable for solvent-based coatings and effectively prevents formation of foam during the manufacturing and application of solvent-based and solvent-free coatings.

AFCONA-2023 has a moderate defoaming property and it does not show obvious side effects. Like AFCONA-2020 and AFCONA-2022, it can be considered a safe and universal defoamer for solvent based and solvent free coatings.

AFCONA-2023 is a polysiloxane containing version of AFCONA-2021. Both defoamers have very well defoaming / in-can transparency balance.

AFCONA-2023 is suitable for low polar to high polar systems, while AFCONA-2018 is more ideal for medium polar to high polar ones.

AFCONA-2023 is recommended for:

- 1) Two-component polyurethane systems for automotive refinish, wood and general industrial.
- 2) Nitrocellulose and acid curing systems for wood coatings.
- 3) Industrial coating like baking enamels, acrylic thermosetting and oil free alkyd systems.
- 4) UV curing systems.

## Product Specification

Solvent	Propylene glycol methyl ether acetate/Alkylbenzene
Density	0.88 - 0.90 g /cm <sup>3</sup> (20°C)
Refractive index	1.480 - 1.490 (25°C)
Flash point	42°C
Appearance	Clear to slightly yellow liquid (25°C)

## Addition and dosage

0.1- 0.5% on total formulation. 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 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

25kg and 180kg non-returnable containers

**For product safety information: please refer to the product SDS.**

AFCONA ADDITIVES

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

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This version replaces all previous ones.