

# AFCONA-2038



## Chemical Composition

Polysiloxane based defoamer.

## Product general description

AFCONA-2038 does not cause in-can haziness, it is easy to be incorporated (hand stir) and offers excellent compatibility.

## Product Properties

AFCONA-2038 is suitable for both solvent-based and solvent-free coating systems. It effectively prevents foam formation and eliminates existing foam during production and application.

AFCONA-2038 has excellent compatibility, making it highly ideal for clear and high-gloss coatings. Therefore, it is recommended for applications where dry-film transparency is very important, like high thickness clear coatings applied by conventional spraying.

AFCONA-2038 belongs to the same category of defoamers as AFCONA-2018, and both offer good transparency. However, AFCONA-2038 contains polysiloxane, while AFCONA-2018 is polysiloxane-free. In many resin systems, AFCONA-2038 provides better transparency than AFCONA-2018.

AFCONA-2038 has the highest transparency, in both, in-can and dry film, so if AFCONA-2018 is unable to reach that desire target, turn to AFCONA-2038 safely.

When combined with AFCONA-2722 or AFCONA-2725 in solvent-free epoxy systems, AFCONA-2038 achieves a significantly enhanced defoaming effect.

AFCONA-2038 is recommended for:

- 1) Polyurethane systems for wood coatings, plastic coatings and automotive refinishes.
- 2) Acid-curing systems for wood coatings, etching/wash primers.
- 3) Nitrocellulose lacquers systems for wood coatings, general industrial coatings and automotive refinish paints.
- 4) Other solvent-based systems.

## Product Specification

Solvent	Alkylbenzene/Xylene/Propylene glycol methyl ether acetate
Density	0.86 - 0.89 g/cm <sup>3</sup> (20°C)
Refractive index	1.485 - 1.495 (25°C)
Flash point	35°C
Appearance	Clear, Colourless liquid (25°C)

## Addition and dosage

0.1-1.0% on total formulation. Under normal conditions, the dosage is 0.3-0.5% based on total formulation.

## Incorporation

AFCONA-2038 can be incorporated during the paint formulation process. If added subsequently, it must be well-dispersed in the system.

## Storage

AFCONA-2038 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 170 kg 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.