

AFCONA-2045



Chemical Composition

Polysiloxane based defoamer

Product general description

A moderate defoamer with minimum side effects.

Product properties

AFCONA-2045 effectively prevents the formation of foam and blisters during manufacturing and application, even in difficult applications like airless spray, brush and roller coating. The superior performance of this defoamer lies in its combination of strong defoaming properties and high transparency. This property is very important in polyurethane coatings.

AFCONA-2045 is intended to replace the old-fashioned mid-range defoamers, like AFCONA-2025, AFCONA-2035 and AFCONA-2040, as it offers better defoaming performance and enhanced compatibility, especially in polyurethane clear coat systems.

AFCONA-2045 is recommended for:

- 1) Polyurethane systems for wood coatings, plastic coatings and automotive refinish paints.
- 2) Airless spray coating systems.
- 3) Nitrocellulose lacquers and acid-curing systems for wood coatings and general industrial coatings.
- 4) General industrial baking coatings.
- 5) Solvent-based epoxy resin systems.

Product Specification

Solvent	Xylene/Butyl Acetate
Density	0.86 - 0.89 g/cm ³ (20°C)
Refractive index	1.440 - 1.450 (25°C)
Flash point	24°C
Appearance	Clear to slightly yellow liquid (25°C)

Addition and dosage

0.1-0.7% on total formulation. Under normal conditions, the dosage is 0.20-0.50% based on total formulation.

Incorporation

To prevent foaming, AFCONA-2045 can be added during the paint manufacturing process. If added subsequently, it must be well-dispersed in the system.

Storage

AFCONA-2045 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 170kg non-returnable containers

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

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.