

AFCONA - 2045



Chemical Composition

Silicone based defoamer

Product general description

Defoamer for solvent-based coatings

Product Properties

AFCONA – 2045 is silicone based defoamer to prevent the formation of foam and blisters during manufacturing, application and even in difficult applications like airless spray, brush and roller. The superior performance of this defoamer is that it combines with very strong defoaming properties and very good transparent appearance. This property is very important in Polyurethane coatings.

The Intention of AFCONA – 2045 is to replace the old fashion middle range defoamers like AFCONA-2025, AFCONA-2035, and AFCONA-2040 where it gives better defoaming properties and better compatibility especially in Polyurethane clear coat systems.

Due to the excellent combination of defoaming and compatibility, the recommended applications are:

- 1) polyurethane system for wood, plastic and car refinish
- 2) airless spray coatings
- 3) NC lacquer and acid curing for wood and general industrial
- 4) stoving paints for general industrial
- 5) solvent based epoxy systems

Product specification

Solvent	Xylene / Butyl Acetate
Density at 20 °C	0.86 - 0.88 g/cm ³
Refractive index	1.440 - 1.450
Flashpoint	27 °C
Appearance	slight yellowish to transparent liquid

Addition and dosage

0.1 - 0.7% on total formulation. In general under normal conditions, the dosage is 0.2 – 0.5% based on total formulation

Incorporation

To prevent foaming AFCONA-2045 can be added prior to processing. If added to finished product, care must be taken to ensure uniform distribution.

Storage

AFCONA-2045 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