AFCONA - 2045

Chemical Composition
Silicone containing defoaming polymer.

Product general description
A moderate defoamer with minimum side effects.

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 systems for wood, plastic and car refinish.
2) airless spray coatings.
3) NC lacquers and acid curing for wood coatings and general industrial
4) Stoving paints for general industrial.
5) solvent based epoxy systems.

Product Specification

Solvent	Xylene/Butyl Acetate
Density	0.86 – 0.89 g /cm^3（20℃）
The refractive index	1.440 – 1.450（25℃）
Flash point	24℃
Appearance	Clear to slightly yellowish Liquid(25℃)

Addition and dosage
0.1- 0.7% on total formulation. In general under normal conditions, the dosage is 0.20 – 0.50% based on total formulation.

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

Storage
AFCONA-2045 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 5 years from the date of manufacture. The expiry date is indicated on the container.

Packaging
25kg and 170kg non-returnable containers