

AFCONA - 2040



Chemical Composition

Silicone containing defoaming polymer modified with fluorocarbon.

Product general description

A moderate defoamer with minimum side effects.

Product properties

AFCONA-2040 prevents the formation of foam and blisters during manufacturing and application. It has the combination of good defoaming as well as compatibility with most resin system. It is recommended for medium viscosity applications applied by spray and brush.

AFCONA-2025, AFCONA-2035 and AFCONA 2040 have almost the same chemical structure with different modification. However, the performance is very different in some systems. We recommend trying all three of them in order to be sure to choose the most suitable defoamer for your system. However, above all, in most cases, AFCONA-2040 performs better.

AFCONA-2040 is recommended for brush and conventional spray application, very suitable also for systems ranging from low polar to high polar.

Recommended applications:

- 1) air drying systems, physical drying systems, based on acrylic, vinyl or chlorinated polymers
- 2) polyurethane systems for wood, plastic and car refinish
- 3) NC lacquers and acid curing for wood coatings and general industrial
- 4) airless spray coatings

Product Specification

Solvent	Diisobutyl ketone/high boiling point solvent
Density	0.80 – 0.82 g /cm ³ (20°C)
The refractive index	1.410 – 1.420 (25°C)
Flash point	49°C
Appearance	Clear, colourless liquid (25°C)

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-2040 can be added prior to processing. If it is added to the finished product, care must be taken to ensure uniform distribution.

Storage

AFCONA-2040 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

20kg and 160kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.