

AFCONA-2041



Chemical Composition

Solution of modified polysiloxane defoamer

Product general description

A moderate defoamer with minimum side effects, free of fluorinated compounds.

Product properties

AFCONA-2041 is the non-fluorocarbon version of AFCONA-2040. It prevents the formation of foam and blisters during manufacturing and application. AFCONA-2041 has a strong defoaming effect and good compatibility in most resin systems. Its compatibility is slightly lower than AFCONA-2040.

AFCONA-2041 is recommended for brush and conventional spray application.

AFCONA-2041 is recommended for:

- 1) Physical drying systems based on acrylic, nitrocellulose, vinyl or chlorinated polymers.
- 2) Polyurethane systems, for polyol resins based on polyester, polyacrylate, polybutadien glycol and polypropylene glycol.
- 3) Solvent-free or solvent-based epoxy systems for flooring coatings, marine coatings and heavy duty protective coatings.
- 4) Not suitable for low-polarity systems, such as air-drying alkyd resins.
- 5) Very good low temperature stability, long term storage below 0°C is possible.

Product Specification

Solvent	Butyl Acetate/Special boiling point aliphatic solvent
Density	0.80 - 0.84 g/cm ³ (20°C)
Refractive index	1.405 - 1.425 (25°C)
Flash point	27°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 0.2-0.5% based on total formulation.

Incorporation

To prevent foaming, AFCONA-2041 can be incorporated during the paint manufacturing process. If added subsequently, shear force must be applied to ensure homogeneous mixing with the system.

Storage

AFCONA-2041 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

20kg and 150kg non-returnable containers

For product safety information: please take reference of SDS.

AFCONA ADDITIVES
Web Site : www.afcona.com

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This version replaces all previous ones.