

AFCONA-K244-4-15



Chemical Composition

Modified polysiloxane defoamer containing defoaming particles.

Product general description

AFCONA-K244-4-15 is a powerful polysiloxane defoamer for solvent-free or solvent-based high viscosity systems.

Product properties

AFCONA-K244-4-15 is a solvent-free polysiloxane defoamer for solvent-free or solvent-based high viscosity systems. It exhibits extremely strong bubble-breaking and foam-suppression capabilities in solvent-free epoxy, polyurethane, unsaturated polyester and other solvent-based systems. It provides excellent defoaming effects, even at very low dosage, making it suitable for defoaming and de-aeration in high viscosity coating systems. It is also recommended for solvent-free application processes.

AFCONA-K244-4-15 is recommended for:

- 1) Solvent-free and solvent-based two-component epoxy resin systems.
- 2) Solvent-free or thick-film polyurethane systems.
- 3) Suitable for pigmented paint systems; for clear coat systems, compatibility with the resin system shall be checked prior to industrial size scale up.

Product Specification

Non-volatile matter	≥97% (120°C, 0.5h)
Density	0.98 - 1.02 g/cm ³ (20°C)
Flash point	> 100°C
Appearance	Hazy, viscous liquid (25°C)

Addition and dosage

0.1 - 1.0% on total formulation.

Under normal conditions:

0.2 - 0.8% on the total formulation in the solvent-free system;

0.1 - 0.5% on the total formulation in the solvent-based system.

Incorporation

AFCONA-K244-4-15 should be added at any stage of the process. After addition, stirring is required to ensure its good dispersion within the system.

Storage

AFCONA-K244-4-15 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 190kg 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.