

AFCONA-2721



Chemical Composition

Polysiloxane based defoamer

Product general description

AFCONA-2721 is specifically designed for UV-curable coatings. It is soluble in acrylate reactive monomers and can participate in the cross-linking reaction of the system. Due to its good compatibility with both, polysiloxane-based and silicone-free components, it has excellent defoaming and de-aeration performances. Benefiting from this high compatibility, AFCONA-2721 does not cause haziness or cloudiness in the film or system, even at high dosage levels.

Product properties

AFCONA-2721 is an ideal defoamer with good compatibility. It is specially designed for UV-curable coatings and can participate in the system's reaction like a reactive solvent.

AFCONA-2721 can be used in pigmented or non-pigmented resin systems like:

- 1) UV curing systems.
- 2) Electron beam curing systems.

Product Specification

Solvent	2-ethylhexyl acrylate/ 2,6-Dimethyl-4-heptanone
Density	0.86 - 0.88 g/cm ³ (20°C)
Refractive index	1.425 - 1.435 (25°C)
Flash point	61°C
Appearance	Colorless, transparent/ slightly hazy liquid (25°C)

Addition and dosage

0.1-1.0% on total formulation. Under normal condition, the dosage is 0.2-0.5% based on total formulation.

Incorporation

AFCONA-2721 can be incorporated by simple mixing. Homogeneous mixing enhances its defoaming efficiency.

Storage

AFCONA-2721 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 2 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

Packaging

25kg and 170kg non-returnable containers

For product safety information: please refer to the product SDS.

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.