

AFCONA-3775



Chemical Composition

Special polyacrylate polymer.

Product general description

Leveling agent with excellent defoaming properties for solvent-based coatings.

Product Properties

AFCONA-3775 is a special polyacrylate polymer for coating systems that require both good leveling and high defoaming properties, like coil coatings and other foam-sensitive systems. It is a silicone-free leveling agent, free from the inter-coat adhesion problems often associated with silicone-based leveling agents.

AFCONA-3775 has the following advantages:

- 1) Provides rapid initial leveling and improved flow control before the coating reaches the tack-free stage.
- 2) Exhibits excellent defoaming properties, effectively preventing bubble formation and promoting deaeration.
- 3) No inter-coat adhesion loss.

For enhanced substrate wetting and anti-crater properties, it is sometimes recommended to combine it with AFCONA-3670 and AFCONA-3700.

AFCONA-3775 is recommended for:

- 1) All roller-coated or dip-coated systems that require both good leveling and strong defoaming performance without cratering, like coil and can coatings.
- 2) Two-component polyurethane and epoxy coatings.
- 3) All baking systems.
- 4) Matt finish wood coatings and sealers.
- 5) Not suitable for clear high gloss systems, as its high defoaming properties may cause in-can haziness.

Product Specification

Non-volatile matter	69 - 73% (150°C,0.5h)
Solvent	Xylene/Diisobutyl-ketone
Density	0.99 - 1.03 g/cm ³ (20°C)
Gardner color	Max.3
Flash point	39°C
Appearance	Transparent to slightly yellowish liquid (25°C)

Addition and dosage

0.50-2.00% on total formulation. Under normal conditions, the dosage is 0.50-0.80% based on total formulation.

Incorporation

AFCONA-3775 should be incorporated at the end of the batch preparation.

Storage

AFCONA-3775 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

25kg and 200 kg 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.