

AFCONA-3771



Chemical Composition

Fluorocarbon modified polyacrylate polymer.

Product general description

Leveling and surface tension reduction agent for non-aqueous coatings.

Product Properties

AFCONA-3771 is an acrylic modified fluorocarbon polymer. It has excellent compatibility as it contains carboxylic acid groups which increase the polarity of the polymer, ensuring good compatibility with most common resins used in coatings.

AFCONA-3771 offers the following characteristics:

- 1) Eliminates in-can haziness problems.
- 2) Provides de-aeration and defoaming properties.
- 3) Improves leveling.
- 4) Prevents cratering and orange-peel.
- 5) Helps substrate wetting.

In solvent-based coatings, AFCONA-3771 performs very well in applications such as polyurethane, epoxy, baking paints, as well as coil and can coating systems.

Product Specification

Non-volatile matter	63 - 65% (150°C, 0.5h)
Solvent	Sec-butanol
Density	0.97 - 1.01 g/cm ³ (20°C)
Gardner color	Max.3
Flash point	33°C
Appearance	Colorless to slightly yellowish clear liquid (25°C)

Addition and dosage

0.30-2.00% on total formulation. Under normal conditions, the dosage is 0.30-0.70% based on total formulation.

Incorporation

AFCONA-3771 should be incorporated at the end of the batch preparation.

Storage

AFCONA-3771 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 180kg non-returnable containers

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

AFCONA ADDITIVES

Web Site : www.afcona.com

This information and all further technical advice are based on our present knowledge and experience. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used. We reserve the right to make any changes according to science and technological progress or further developments.

This version replaces all previous ones.