



# AFCONA-3670

## Chemical Composition

Fluorocarbon modified polyacrylate polymer.

## Product general description

Anti-crater, substrate wetting and leveling agent for solvent-based coatings.

## Product Properties

AFCONA-3670 is an improved version of AFCONA-3777 for coating surface control management. It has lower surface tension than AFCONA-3777. The combination with a suitable polysiloxane is highly recommended for better overall performance.

Due to the fluorocarbon modification, it gives lower surface tension than conventional pure acrylic leveling agents. Therefore, it gives better anti-crater properties and improved substrate wetting.

The key performances of AFCONA-3670 are as follows:

- 1) Prevent craters.
- 2) Enhances substrate wetting.
- 3) Improves leveling.
- 4) Does not affect inter-coat adhesion.
- 5) Acts as a defoamer and de-aeration aid.

AFCONA-3670 is suitable for all solvent-based coatings, especially:

- 1) Baking paints, as leveling and anti-crater agent.
- 2) PU coatings, as leveling, anti-crater and anti-inner bubble agent.
- 3) Epoxies, as leveling and anti-crater agent.

## Product Specification

Non-volatile matter	69 - 71% (150°C, 0.5h)
Solvent	Xylene/Butyl Acetate/ Propylene glycol methyl ether acetate
Density	0.99 - 1.01 g/cm <sup>3</sup> (20°C)
Refractive index	1.450 - 1.460 (25°C)
Gardner color	Max.3
Flash point	39°C
Appearance	Clear to slightly yellowish liquid (25°C)

## Addition and dosage

0.30-2.00% on total formulation. Under normal conditions, the dosage is 0.30-0.80% based on total formulation.

## Incorporation

AFCONA-3670 should be incorporated at the end of the batch preparation.

## Storage

AFCONA-3670 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](http://www.afcona.com)

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This version replaces all previous ones.