

AFCONA – S370



Chemical Composition

Perfluoroalkyl compound with Methacrylate terminated.

Product general description

Reactive performance solvent for UV curing , anti-crater and improve the surface properties.

Product properties

AFCONA-S370 is a special perfluoroalkyl compound with methacrylate terminated. It has good compatibility with most of coating systems. And it is used to decrease the surface tension of the systems, and improve the surface properties. Such as anti-tarnish/fingerprint, scratch resistant, anti-craters and improve the leveling speed of vertical.

There is no fluorocarbon compound which has been prohibited to use in AFCONA - S370. such as PFOS, chlorine containing compound.

AFCONA - S370 is recommended to all kinds of free radical curing systems, such as UV curing, Unsaturated resin systems. It is perform as anti-craters, substrate wetting and fast leveling additives. And It has behaviors of oil-resistant, anti-fingerprint and anti-perspiration and scratch resistant in final products.

Product Specification

Active ingredients	100%
Average molecular weight	350-450
Boiling point(40mmHg)	>110°C
Flash point	28°C
Terminated functional group	Methacrylate

Addition and dosage

0.1- 10.0% based on total formulation. The dosage is depending on the modification. In general under normal conditions applied as leveling and anti-crater additive: 0.1-0.5%. if it is involved in the modification of the systems: 0.5-5.0% based on total formulation.

Incorporation

AFCONA – S370 can be incorporated at the end of process. If used to polymerization, incorporated with other co-monomers.

Storage

AFCONA-S370 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 1 year from the date of manufacture. The expiry date is indicated on the container.

Packaging

5kg ,25kg and 200kg non-returnable containers

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.