

AFCONA-2508



Chemical Composition

A blend of organically modified polydimethylsiloxane and hydrophobic particles

Product general description

A water-based defoamer for varnish systems and pigment grinding processes.

Product properties

AFCONA-2508 is designed to provide good defoaming and anti-foaming performance in all water-based coatings, with excellent efficacy against micro foam. It is highly suitable for compressed air spray and airless spray applications.

It effectively eliminates air bubbles formed during the spray application process without causing any film defects.

AFCONA-2508 is recommended for:

- 1) Traditional water-based acrylic, epoxy, and polyurethane systems.
- 2) Water-based pigment grinding and water-based ink printing processes, due to its excellent high resistance to prolonged, high shear force.

Note: As AFCONA-2508 contains hydrophobic particles, it should be mixed using adequate shear force prior to application.

Product Specification

Non-volatile matter	≥95% (120°C, 0.5h)
Density	0.96 - 1.00 g/cm ³ (20°C)
Refractive index	1.415 - 1.435 (25°C)
Flash point	>100°C
Appearance	Slightly hazy, pale yellow liquid (25°C)

Addition and dosage

0.10-1.00% on total formulation. Under normal conditions, the dosage is 0.20-1.00% based on total formulation.

For pigment concentrates: 0.5-1.00%.

Incorporation

AFCONA-2508 can be incorporated during pigment grinding and the initial paint mixing stage. In conventional coating and ink systems, it can also be incorporated at other processing stages.

Storage

AFCONA-2508 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 200kg 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.