

AFCONA - 2501



Chemical Composition

Silicone containing, defoaming for water based.

Product general description

Defoamer for water based paint.

Product properties

AFCONA-2501 is a silicone based defoamer containing small amount of silicone to give better deaeration. It recommended for all kind of water-based coatings ranging from decorative paints to water based printing inks.

AFCONA-2501 is especially suited for all kind of water-based coatings. For colorant grinding where high shear forces are needed for a long time, AFCONA-2502 or AFCONA – 2503 will be a better choice.

AFCONA-2501 is recommended for below systems.

- 1) High PVC and low PVC emulsion paints based on pure acrylic or modified acrylic and PVA emulsions
- 2) water based flexo inks.

Remark : After certain time of storage, separation could happen, therefore: SHAKE BEFORE USE. AFCONA-2501 will be frozen and damaged below 0°C. Suggested storage temperature between 5-45°C.

Product Specification

Non-volatile matter	14 - 17% (150°C,0.5h)
Solvent	Water /S.B.P solvent
Density	0.94 – 0.98 g/cm ³ (20°C)
The refractive index	1.335 - 1.345 (25°C)
Flash point	>100°C
Appearance	White milky emulsion (25°C)

Addition and dosage

0.1– 0.5% on total formulation. In general at normal conditions, the dosage is 0.2 – 0.3%. For pigmented concentrate is 0.3-0.5%.

In order to obtain good defoaming in final paint, it is recommended to separate the dosage in mill based and let down. Ideal for in mill bases is the use of AFCONA-2502 or AFCONA-2503.

Incorporation

AFCONA-2501 must be added under low shear forces.

Storage

AFCONA-2501 should be stored in a cool and dry place. When kept in an original unopened container, it will keep up for 3 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25kg and 190kg non-returnable containers

AFCONA ADDITIVES

Web Site : www.afcona.com

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This version replaces all previous ones.