

AFCONA - 2501



Chemical Composition

Silicone containing, defoaming for water-based

Product general description

Defoamer for water-based paint

Product Properties

AFCONA-2501 is a mineral oil 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. Due to that a part of the composition is mineral oil, it is mainly suitable for preparation of water-based paints where low shear forces are applied. For colorant grinding where high shear forces are needed for a long time, AFCONA-2502 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.

Product specification

Solvent	Water
Active Ingredient	14 - 17%
Density at 20 °C	0.94 - 0.98 g/cm ³
Flashpoint	>100 °C
Appearance	Milky white emulsion

Addition and dosage

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

Incorporation

AFCONA-2501 must be added under low shear forces.

Storage

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

Packaging

25 kg and 190 kg non-returnable containers