

# AFCONA-2502



## **Chemical Composition**

Polysiloxane based aqueous defoamer with fine silica.

## **Product general description**

A water-based defoamer for high-shear systems and for high pigment load or high solid pigment pastes grinding phase.

## **Product properties**

AFCONA-2502 is suitable for traditional water-based applications, like coatings and inks, as well as for pigment concentrate and paste production.

AFCONA-2502 has excellent resistance to prolonged and high shear force and temperature. Therefore, it is suitable for pigment concentrates and other highly filled and high solids systems. It is also effective in emulsion polymerization processes.

AFCONA-2502 is recommended for:

- 1) Emulsion paints (with high to low PVC contents) based on pure or modified acrylic resins.
- 2) Water-based flexo inks.
- 3) Printing inks.
- 4) Water-based polyurethane dispersions.

Note: Separation may occur during storage, shake well before use. AFCONA-2502 may freeze and be damaged, if stored at below 0°C. Suggested storage temperature: 5-45°C.

## **Product Specification**

Non-volatile matter	80 - 84% (150°C,0.5h)
Solvent	Aliphatic hydrocarbon solvent
Flash point	>100°C
Appearance	Colorless to slightly yellow, faintly hazy liquid (25°C)

## **Addition and dosage**

0.1-0.5% on total formulation. Under normal conditions, the dosage is 0.2-0.3% based on total formulation.

For pigment concentrates: 0.3-0.5%.

## **Incorporation**

AFCONA-2502 should be incorporated during the grinding stage. If added subsequently, it requires high-speed dispersion to be effective.

## **Storage**

AFCONA-2502 shall be stored in cool and dry place away from direct sunlight. Shelf-life is 3 years from the date of manufacturer, if kept in original and unopened container. The expiring date is indicated on the package.

## **Packaging**

25kg and 180kg 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.