

# PAT-ADD AF 43

## Product Data Sheet

Rev 02

April 2018



### Product Features

PAT-ADD AF 43 is a polymeric defoamer for waterborne varnishes, wood-coatings, inks and pigment dispersions.

PAT-ADD AF 43 is Low VOC and based on synthetic organic surface active compounds.

PAT-ADD AF 43 is specifically formulated for low PVC systems; improved film properties versus oil and silicone defoamers.

#### **Main benefits are:**

- Oil- and siloxane free, for excellent film properties
- Excellent de-aeration and defoaming properties
- Excellent alkali- and acid resistance
- Contributes to substrate wetting
- Low-VOC
- Shear resistant for high shear conditions

### Physical Characteristics:

<b>Appearance</b>	: White to yellowish Dispersion
<b>Viscosity @ 25°C</b>	: 500 - 3000 cP
<b>Specific gravity @ 25°C</b>	: 0.940 – 1.010
<b>Polarity</b>	: Nonionic
<b>Active matter content</b>	: 99-100%

“Physical parameters indicated here in product data sheet are typical properties and not specification limits or range.”

### Properties:

PAT-ADD AF 43 is dispersible in aqueous systems and can be incorporated with mild shear.

PAT-ADD AF 43 is highly suited for emulsion paints, alkaline or acidic systems, aqueous air-drying paints and plasters, flexo inks as well as pigment dispersions.

### Dosage & Addition

The optimal amount of PAT-ADD AF 43 is system related, generally between 0.2 and 1.0 % on the total weight of formulation.

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For pigment dispersions, dosages up to 1 % may be required. Recommendation is to add part of the required dosage to pigment grind and the remaining to the mill-base or let-down stage of paint manufacturing.

The optimum concentration depends on the individual formulation and conditions.

### End Use Application

Pigment concentrates, semi-gloss and gloss Architectural paints, Printing Inks and Waterborne Industrial Coatings.

### Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in un opened original containers as shipped by Patcham when stored in frost free warehouse.

### Storage and transportation

Stir it well before use, separation may occur upon storage and transportation. The product may solidify below +10 °C (33.8 °F). Warm up to 25 ° - 35°C (68 °-86°F) and stir it well before use.

### Safety and Handling

For information on handling, storage and safety please refer to the information from the Material Safety Data Sheet (SDS).

### Packing size

Drum: - 190.0 kgs, Can: - 25.0 kgs, IBCs: - 900.0 kgs.

#### *Disclaimer:*

*While every effort is made to provide accurate and complete test results for The PATCHAM ADDITIVES, various data may vary depending upon different raw materials, test procedures and test conditions. The accuracy, reliability, or totality of the results are not guaranteed or warranted in any way. PATCHAM FZC and its representatives disclaim liability of any kind whatsoever, including liability for quality, performance and fitness for a particular purpose arising out of the use, or inability to use the test results.*