

### Product Features

PAT-ADD AF 14D is an economical, easily dispersible defoamer for waterborne emulsion paints as well as aqueous inks and pigment dispersions

PAT-ADD AF 14D is a mineral oil based defoamer exhibiting efficient defoaming and anti-foaming activity in paint manufacturing and application.

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

- Highly effective defoamer requiring low use levels
- Good shelf stability
- Universal usage in aqueous paints and colorants

### Physical Characteristics:

<b>Appearance</b>	: White to yellow colored dispersion
<b>Viscosity @ 25°C</b>	: 500 - 2500 cPs.
<b>Specific gravity @ 25°C</b>	: 0.880 – 0.910
<b>Polarity</b>	: Non-ionic
<b>Active matter content</b>	: 100%

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

### Properties:

PAT-ADD AF 14D is water-dispersible, but requires incorporation with high shear to be properly dispersed.

PAT-ADD AF 14D is suitable for high PVC emulsion paints and pigment dispersions.

### Dosage & Addition

The optimal amount of PAT-ADD AF 14D is system related, generally between 0,1 and 0,5% on the total weight of paint formulation.

The product requires proper incorporation conditions; we recommended adding a portion of the required dosage prior to pigment dispersion and the remaining immediately after dispersion, directly to the mill-base or let-down with adequate shear for proper incorporation. Improper mixing may result in poor defoaming activity or alter gloss or film appearance.

The optimum concentration depends on the individual formulation and conditions.

# PAT-ADD AF 14D

## Product Data Sheet

Rev 01

April 2018



### End Use Application

High PVC and flat emulsion paints, wood coatings, primers, adhesives, plasters and Inks

### Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in unopened 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: - 170.0 kgs, Can: - 20.0 kgs, IBCs: - 750.0 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.*