

Product Features

PAT-ADD AF 27 is a defoamer for waterborne emulsion paints, inks, and pigment dispersions.

PAT-ADD AF 27 is a mineral oil based defoamer.

PAT-ADD AF 27 is versatile in application and effective in waterborne systems for defoaming and anti-foaming during manufacturing and application.

Main benefits are:

- Highly effective defoamer requiring low use levels
- Excellent shelf stability
- Universal application for aqueous paints and colorants

Physical Characteristics:

Appearance	: Opaque Liquid
Viscosity @ 25°C	: 200 - 1500 cP
Specific gravity @ 25°C	: 0.860 – 0.900
Polarity	: Non-ionic
Active matter content	: 100%

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

Properties:

PAT-ADD AF 27 is water-dispersible requiring high shear incorporation forces to be properly dispersed. PAT-ADD AF 27 is highly suitable for high PVC-emulsion paints and pigment dispersions.

Dosage & Addition

The optimal amount of PAT-ADD AF 27 is system related, generally between 0.1 and 0.5% on the total weight of paint formulation.

The product needs proper incorporation; our recommendation is to add a portion of the required dosage to the pigment dispersion and the remaining immediately after dispersion directly into the mill-base or let-down with adequate shear. Improper mixing may result in poor defoaming and alter gloss or film appearance.

The optimum concentration depends on the individual formulation and conditions.

PAT-ADD AF 27

Product Data Sheet

Rev 01

January 2022



PATCHAM

A step towards sustainable chemistry

End Use Application

Architectural coatings, Adhesives, 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: - 185.0 kgs/410 lbs., Can: - 20.0 kgs/44 lbs., IBCs: - 907.0 kgs/2000 lbs.

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.