

PAT-ADD AF 44

Product Data Sheet

Rev 00

June 2023



PATCHAM

A step towards sustainable chemistry

Product Features

PAT-ADD AF 44 is a polymeric defoamer for aqueous coatings, printing inks and adhesives.

PAT-ADD AF 44 is VOC-free and based on synthetic organic surface-active compounds.

PAT-ADD AF 44 is specifically formulated for high quality architectural coatings; 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 at low dosage.
- Excellent alkali- and acid resistance
- VOC-free

Physical Characteristics:

Appearance	: Colorless to yellowish liquid
Viscosity @ 25°C	: 500 - 2000 cP
Specific gravity @ 25°C	: 0.970 – 1.020
Polarity	: Nonionic
Active matter content	: 99-100%

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

Properties:

PAT-ADD AF 44 is dispersible in aqueous systems and can be incorporated with high shear.

PAT-ADD AF 44 is highly suited for emulsion paints, alkaline or acidic systems, aqueous air-drying paints and plasters,

Dosage & Addition

The optimal amount of PAT-ADD AF 44 is system related, generally between 0.05- 0.5 % on the total weight of formulation for coatings, adhesives, and sealants.

For printing inks, dosages up to 0.1-0.5 % may be required.

The optimum concentration depends on the individual formulation and conditions.

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End Use Application

Architectural coatings, Printing Inks and Adhesives and sealants.

Shelf life

The product has a 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 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: - 200.0 kgs, Can: - 25.0 kgs, IBCs: - 1000.0 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.