

Product Features

PAT-ADD AF 319 is liquid defoamer for use in waterborne pigment concentrates, printing inks and overprint varnishes.

PAT-ADD AF 319 is an oil free, polysiloxane based polymer.

Main benefits are:

- Outperforming de-aeration properties in waterborne industrial paints
- Beats formation of micro-foaming
- Extremely efficient, requires just low dosages.
- Effective over a wide pH range

Physical Characteristics:

Appearance	: Clear liquid
Viscosity @ 25°C, approx	: 50 - 200 cP
Specific gravity @ 25°C, approx	: 0.960 – 0.990
Composition	: Polysiloxane based polymer
Active matter content	: 58.0± 2.00%

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

Properties:

PAT-ADD AF 319 is dispersible in water and main hydrophilic solvents.

De-aeration properties are provided to a wide variety of layer thicknesses; excellent results and fast de-aeration have been recorded in low up to medium thickness layers.

Dosage & Addition

The optimal amount of PAT-ADD AF 319 to be used is system related, but generally is between 0.1 and 1.0% PAT-ADD AF 319, calculated on the total weight of formulation. Appropriate incorporation conditions have to be provided, in order to minimize risk of paint film surface defects. Required incorporation conditions are related to system characteristics, such as viscosity, dispersion and solubility characteristics. Standard let-down conditions (mixer) may be considered in systems, which contribute to proper dispersion of PAT-ADD AF 319.

PAT-ADD AF 319

Product Data Sheet

Rev 00

March 2024



The optimum concentration to be used depends on the individual requirements and conditions.

End Use Application

PAT-ADD AF 319 is liquid defoamer for use in aqueous pigment concentrates, printing inks and overprint varnishes.

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

The product may separate or settled upon storage so best to mix 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 kgs., Can: 25 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.