

Product Features

PAT-ADD DA 302 is a pigment wetting agent for waterborne paints and colorants.

PAT-ADD DA 302 is APEO free

Main benefits are:

- Replaces APEO wetting agents, such as NP 10, NP 9, OP 9
- Strong prevention of pigment flocculation, floating, flooding, and pigment settling
- Relatively non/ low-toxicity in comparison to classical non-ionic wetting agents
- Prevents pigment separation, -rub-up, -flocculation, -floatation

Physical Characteristics:

Appearance	:	Clear Pale Yellow Liquid
Viscosity @ 25°C/77°F	:	<100 cP
Specific gravity @ 25°C/77°F	:	1.040 -1.070
Composition	:	aqueous solution of a Polyhydroxy-Polyoxyethylene monoester compound
Solvents	:	Water
%Solids content (120°C/1hr)	:	34.0 ± 3.0%

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

Properties:

PAT-ADD DA 302 is a pigment wetting additive for aqueous systems. The product is typically used in emulsion paints in conjunction with polycarboxylic dispersion agents, such as PAT-ADD DA 103.

Other successful applications for PAT-ADD DA 302 are in aqueous colorants as well as in pigment and extender preparations.

PAT-ADD DA 302 optimizes color development and dispersion stability.

PAT-ADD DA 302

Product Data Sheet

Rev 01

April 2018



Dosage & Addition

The optimal amount of PAT-ADD DA 302 is system related, but is generally between 0.1 and 0.5% based on the total weight of paint formulation.

The product is best added to the mill-base before the pigments, extender.

PAT-ADD DA 302 typically replaces APE based wetting agents on a 1 to 1 basis in its supplied form. The optimal concentration depends on the individual formulation and manufacturing conditions.

End Use Application

Masonry Primers, Interior and Exterior Emulsion Paints - Gloss, Semi -gloss, Sheen and Matt Finishes, low VOC emulsion paints, etc.

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

The product may solidify below +1 °C (33.8 °F). Heat to 20 °C (68 °F) and stir.

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.