

Product Features

PAT-ADD DA 1666 is a liquid pigment wetting and dispersing additive for solvent-borne architectural and industrial paints. Additionally, the product can be used as a polar activator for bentonites.

PAT-ADD DA 1666 acts as a wetting agent, preventing pigment agglomeration and sedimentation

Main benefits are:

- Excellent gelling agent for organo clay thickeners
- Provides excellent anti-sedimentation features
- Excellent performance in solvent borne paints and primers
- Prevents pigment flocculation

Physical Characteristics:

Appearance	: Clear Brown colored liquid
Bulk Density @ 25°C/77°F	: 20 - 100 cP
Specific gravity @ 25°C/77°F	: 0.900 – 0.930
Composition	: Unsaturated polyamides with acid polymers
Polarity	: Electro neutral
Acid Value	: 35 mg. of KOH/gm
Amine Value	: 30 mg. of KOH/gm
Solvents	: Xylene, Iso-butanol, Solvesso 100
%Solids content (120°C/1hr)	: 55.0 % ± 3.0%

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

Properties:

PAT-ADD DA 1666 exhibits strong wetting of pigment and extender surfaces, contributing to optimal dispersion stability. The formation of hard sedimentation during storage is inhibited with PAT-ADD DA 1666.

PAT-ADD DA 1666 also acts as a polar activator for organoclays thickeners; ensuring proper delaminating and activation of the organo clays platelets; additionally, PAT-ADD DA 1666 contributes to improved paint stability and anti-settling. Bentonite pre-gels, prepared with PAT-ADD DA 1666 improves ease of handling with a soft pudding consistency rather than thick grease for easy incorporation .

PAT-ADD DA 1666

Product Data Sheet

Rev 01

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Dosage & Addition

The optimal amount of PAT-ADD DA 1666 is system related, generally between 0.3 to 0.8% PAT-ADD DA 1666 as supplied on the total weight of paint formulation.

For activation of organo-lays, a dose of 30 to 50% on the weight of organo-clays is suggested; typically, 10% organo-clays gels can be prepared.

PAT-ADD DA 1666 is best premixed with the liquid components of the formulations, prior to pigment/solids addition. The optimum concentration depends on the individual requirements and conditions and should be determined experimentally.

End Use Application

PAT-ADD DA 1666 is suitable for solvent borne architectural, industrial, and protective coating systems. It is also an effective additive for providing anti-settling and anti-sagging properties without altering viscosity.

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, transportation, 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: - 190.0 kgs, Can: -25.0 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.