

PAT-ADD DA 1808

Product Data Sheet

Rev 01

April 2018



Product Features

PAT-ADD DA 1808 is wetting and dispersing additive for solvent borne paints, inks, plasticizers and colorants.

PAT-ADD DA 1808 is multifunctional and compatible in a wide range of solvent borne systems.

PAT-ADD DA 1808 is particularly effective as dispersant for inorganic pigments in air-drying alkyd paints as well as 2K PU and Epoxy systems.

Main benefits are:

- Optimize the milling process, enabling high pigment loading
- Excellent color development
- High resistance to pigment flocculation, float, flood, and settling
- Excellent compatibility with alkyd resins, with minimal risk of degrading cured film properties
- Minimal effect on heat stability in plasticized PVC systems

Physical Characteristics:

Appearance	: Clear Amber colored liquid
Viscosity @ 25°C/77°F	: 50 - 250 cP
Specific gravity @ 25°C/77°F	: 0.935 – 0.965
Composition	: polyester compound with pigment affinic group
%Solids content (120°C/1hr)	: 98 - 100 %

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

Properties:

PAT-ADD DA 1808 is strongly adsorbed onto inorganic pigments and extenders, enhancing steric stabilization and resistance to flocculation.

Dosage & Addition

The optimal amount of PAT-ADD DA 1808 is system related, generally between 0.3 and 0.8% on the total weight of paint formulation.

The product is added to the mill-base prior to the dispersion process.

For use as dispersing additive in plasticizers, a dosage between 0.7 and 3.0% on total weight of the paste, is suggested.

The optimum concentration used depends on the individual formulation and best determined using a ladder study.

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End Use Application

PAT-ADD DA 1808 is recommended for production of solvent-borne pigment concentrates for architectural paints. PAT-ADD DA 1808 is also utilized for industrial coatings, wood and furniture coatings, and solvent-borne pigment concentrates.

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: - 195.0 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.