

Product Features

PAT-ADD DA 815 Solvent-free wetting and dispersing additive for solvent-borne and solvent-free systems; PVC plastisols, thermoplastics, and adhesives to stabilize organic and inorganic pigments, particularly carbon blacks.

PAT-ADD DA 815 is especially suited for the production of polyol pastes for PU as well as PVC applications.

PAT-ADD DA 815 induces Newtonian flow by strongly lowering viscosity. It can also work as neutralizer for acidic and neutral surface treated carbon black pigments.

Main benefits are:

- Provides excellent uniformity and color development
- Lowers torque requirement and filtration pressure
- Reduces viscosity
- Solvent-free

Physical Characteristics:

Appearance	:	Clear yellow liquid
Viscosity @ 25°C/77°F	:	200 - 1750 cP
Specific gravity @ 25°C/77°F	:	1.050 - 1.080
Composition	:	Polymeric
Polarity	:	Electroneutral
%Solids content (120°C/1 Hr.)	:	97.00% ± 3.00

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

Properties:

PAT-ADD DA 815 is a polymeric dispersing agent exhibiting strong adsorption properties onto a wide variety of pigment surfaces, contributing to exceptional dispersion stability.

PAT-ADD DA 815 is strongly adsorbed onto inorganic pigments and extenders, to enhance steric stabilization against re-flocculation.

PAT-ADD DA 815

Product Data Sheet

Rev 01

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Dosage & Addition

The optimal amount of PAT-ADD DA 815 is system related, generally between 5.0 - 30.0% for Carbon Blacks and Organic Pigments; 0.30-3.0% for inorganic pigments and fillers as supplied on the total pigment/filler loading.

PAT-ADD DA 815 is added to the filler, pigments or polymer during or before compounding. The optimum concentration depends on the individual formulation and best determined in a ladder study.

End Use Application

PAT-ADD AD 815 is for solvent-borne and solvent-free systems; PVC plastisol, thermoplastics, and adhesives, to stabilize organic and inorganic pigments, particularly carbon blacks.

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.