

Product Features

PAT-ADD DA 947 is a polymeric dispersing additive, in butyl acetate, for industrial solvent-borne paints and pigment concentrates.

PAT-ADD DA 947 is specially designed for coil and industrial coating systems as well as highly loaded pigment dispersions.

PAT-ADD DA 947 is an effective dispersant for carbon blacks, organic and inorganic pigments.

Main benefits are:

- Free of aromatic solvents
- Choice dispersant for highly loaded tinters
- Extremely effective for furnace carbon blacks, for maximum jettness, blue undertone
- Provides excellent color development and transparency
- Designed for coil and general industrial coatings

Physical Characteristics:

Appearance	:	Clear to slightly hazy yellowish liquid
Viscosity @ 25°C/77°F	:	100 - 500 cP
Specific gravity @ 25°C/77°F	:	0.980 – 1.020
Amine value	:	Approx. 18 gm. of KOH/gm
Composition	:	Polymeric polyurethane with cationic pigment affinic groups
Solvents	:	n-butyl acetate ,dipropylene glycol methyl ether
%Solids content (120°C/1hr)	:	60.0 ± 2.0%

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

Properties:

PAT-ADD DA 947 is a polymeric dispersing additive with strong adsorption onto a wide variety of pigment surfaces; contributing to high dispersion stability, low viscosity, and high transparency of fine particle size pigments.

PAT-ADD DA 947

Product Data Sheet

Rev 01

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Dosage & Addition

The optimal amount of PAT-ADD DA 947 is system related, generally between 10 and 15% on the total weight of pigment concentrate. In mass tone applications, dosages of approx. 0.5 to 2.0% are suggested. This product is best added to the mill-base prior to the addition of pigments.

For carbon blacks a dosage of 20 to 60% (active ingredient) on pigment is recommended.

The optimum concentration of PAT-ADD DA 947 depends on the individual formulation and best determined with a ladder study.

End Use Application

PAT-ADD DA947 is suitable for solvent borne coil coating, automotive refinish, general industrial coating, and 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 and transportation

Separation and turbidity may occur upon storage. Warm to 25 °C (77 °F) and stir 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: - 200.0 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.