

Product Features

PAT-ADD DA 948 is a 100% polymeric dispersing additive for industrial solvent-free paints, sealants and pigment concentrates. The product is specially designed for PUR flooring systems based on polyols, UPR (unsaturated polyester) or thermoplastics, such as used in, PUR foams, plastisol and gel coats.

PAT-ADD DA 948 pigment concentrates are low viscosity; enabling higher pigment loadings for optimal productivity.

Main benefits are:

- Lower millbase viscosities
- Prevents float and flood; eliminate rub-up color shifts
- Newtonian pigment concentrates
- Long term dispersion stability
- Excellent color development and transparency

Physical Characteristics:

Appearance	:	Clear Amber colored liquid
Viscosity @ 25°C/77°F	:	5000 - 25000 cP
Specific gravity @ 25°C/77°F	:	1.020 – 1.060
Amine value	:	approx. 38 mg of KOH/gm
Acid Value	:	Approx. 2 mg. of KOH/gm
Composition	:	Polymeric polyurethane with cationic pigment affinic groups
Solvents	:	Solvent Free
%Solids content (120°C/1hr)	:	99 – 100%

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

Properties:

PAT-ADD DA 948 is a polymeric dispersing additive with strong adsorption onto a wide variety of pigment and extender surfaces, including carbon blacks, organic pigments and extenders. PAT-ADD DA 948 pigment dispersions exhibit stability, low viscosity and high transparency of fine particle sized pigments. Viscosity increases due to its reactivity with epoxy functional groups is possible and may limit use in those systems.

PAT-ADD DA 948

Product Data Sheet

Rev 02

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Dosage & Addition

The optimal amount of PAT-ADD DA 948 is system related, generally between 6 and 10% on the total weight of pigment concentrate. For ready mixed paint systems, dosages of approx. 0.3 to 0.8% are suggested. The product is best added to the mill-base prior to the pigments.

For carbon blacks a dosage of 20 to 60% (active ingredient) on pigment is recommended. The optimum concentration to be used depends on the individual formulation and best determined with a ladder study.

End Use Application

PAT-ADD DA948 Solvent based and solvent-free industrial coatings, pigment concentrates and silk screen printing inks. NOT suitable for epoxy based 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 may occur upon storage. Mix 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.