



PATCHAM (FZC)

PAT-ADD DA 948

PRODUCT DATA SHEET

Rev No. 1

Date :-18/02/2014

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

Using PAT-ADD DA 948 in pigment concentrates results in low viscosity, enabling higher pigment loadings, at optimal pigment dispersion.

PHYSICAL CHARACTERISTICS:

Appearance	:	Clear Amber coloured liquid
Viscosity @ 25°C, approx	:	25000 cPs
Specific gravity @ 25°C, approx	:	1.040
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, approx.	:	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 agent showing strong adsorption properties onto a wide variety of pigment and extender surfaces, including carbon blacks, organic pigments and extenders, contributing to best dispersion stability, low viscosity pigment dispersions and high transparency for fine particle sized pigments.

Main benefits are:

- Lowering viscosity of the mill base
- Prevents floatation and flooding
- Support providing Newtonian flow characteristics pigment concentrates
- Extremely effective for best dispersion stability characteristics
- Provides excellent color development and transparency
- For solvent-free industrial coatings, pigment concentrates and silk screen printing inks

For information on handling, storage and safety please refer to the information from the Material Safety Data Sheet

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DOSAGE AND ADDITION:

The optimal amount of PAT-ADD DA 948 to be used is system related, but generally is between 6 and 10% PAT-ADD DA 948, calculated on the total weight of pigment concentrate. If used in ready mixed paint or systems, dosages of approx. 0,6 to 3% 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 requirements and conditions.

While every effort is made to provide accurate and complete information, performance of the product may vary depending upon different raw materials, formulations, test procedures and test conditions. Hence Patcham (FZC) and its representative disclaim any kind of liability.

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