

Product Features

PAT-ADD DA 2704 is Wetting and dispersing additive for UP resins and adhesives. Improves dispersion of all traditional fillers such as calcium carbonate and aluminum hydroxide in UP and EP resins. Reduces viscosity and dispersing time and prevents fillers from settling, particularly in highly ATH-filled systems (fire protection). Stabilizes titanium dioxide dispersions in gel coats.

Main benefits are:

- Highest effectiveness
- Provides excellent anti-sedimentation features
- Can be used in all resin systems.
- Aromatic free solvent.

Physical Characteristics:

Appearance	:	Clear Amber Liquid
Viscosity @ 25°C/77°F	:	50 - 700 cP
Specific gravity @ 25°C/77°F	:	0.850 – 0.890
Polarity	:	Electro neutral
Composition	:	Unsaturated poly amides with acid polymers
%Solids content (120°C/1hr)	:	52.0± 2.0 %
Solvent	:	De aromatized White Spirit

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

Properties:

PAT-ADD DA 2704 is wetting and dispersing additives improve the dispersion of a wide range of the most commonly used fillers such as calcium carbonate and aluminiumtrihydroxide (ATH). PAT-ADD DA2704 reduces compound viscosity so that a higher filler loading in the resin is possible. In most cases filler settling during storage and application is reduced.

Dosage& Addition

The optimal amount of PAT-ADD DA 2704 to be used is system related, but generally is between 0.5 and 1.5% PAT-ADD DA 2704 based upon fillers.

PAT-ADD DA 2704 is best premixed with the liquid ingredients of the formulations, prior to pigment/solids addition.

The optimum concentration to be used depends on the individual requirements and conditions and should be determined experimentally.

End Use Application

Recommended for highly Calcium carbonate and ATH-filled systems in UP resins and adhesives.

Shelf life

The product has shelf life of 24 months from the date of manufacturing; packed in unopened original containers as shipped by Patcham, stored in frost free warehouse.

Storage and transportation

The product may solidify below +1 °C (33.8 °F). Heat to 30-60°C (86-140 °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: - 180.0 kgs, Can: - 20.0 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.