

PAT-ADD C 7711

Product Data Sheet

Rev 00

October 2019



Product Features

PAT-ADD C 7711 is wetting and dispersing additive to prevent flooding and floatation of solvent free and medium to high polar solvent-based coatings.

Using PAT-ADD C 7711 in pigment concentrates results in low viscosity, enabling higher pigment loadings, at optimal pigment dispersion.

Main benefits are:

- Lowering viscosity of the mill base
- Prevents floatation and flooding
- Improve gloss and surface smoothness
- Extremely effective for best dispersion stability characteristics
- Provides excellent color development and transparency

Physical Characteristics:

Appearance	: Clear Amber colored liquid
Viscosity @ 25°C/77°F	: 250 cP (Max.)
Specific gravity @ 25°C/77°F	: 0.940-0.970
Acid Value	: Approx. 130 mg. of KOH/gm
Composition	: Unsaturated carboxylic acid polymer
Solvents	: Xylene/Diisobutylketone
Solids content (120°C/1hr)	: 48 – 52%

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

Properties:

PAT-ADD C 7711 is a polymeric dispersing agent showing strong adsorption properties onto a wide variety of pigment and extender surfaces. The product is specially recommended for use in medium-polarity systems, solvent-free or organic solvent based. Using PAT-ADD C-7711 in the mill-base, supports the milling process and stability, thus avoiding flocculation, floatation and/ or flooding.

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Dosage & Addition

The optimal amount of PAT-ADD C-7711 to be used is system related, but generally is between 0.5 and 2.5 % PAT-ADD C-7711 based on inorganic pigments and 2.5 -5.0% based on Organic pigments, calculated on the total weight of paint.

The product is best added to the mill-base prior to the pigments.

End Use Application

Solvent-free or medium to high polarity organic solvent based industrial-, protective-, architectural coatings.

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, transportation

Separation or turbidity may occur upon storage, warm the material up to 30 – 60°C and stir. It will not affect the performance of the product.

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: - 190 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.