

Product Features

PAT-ADD LE 1477 is flow and leveling additive for solvent-borne clear and pigmented coating formulations.

PAT-ADD LE 1477 benefits coatings applied to low surface energy substrates, optimizing substrate wetting, deaeration, and preventing craters.

Main benefits are:

- Optimal film appearance
- Highly effective surface tension reducer
- Prevents cratering, pin-holing, orange peel
- Optimal flow and leveling on low surface energy substrates
- Air release without impact on recoat

Physical Characteristics:

Appearance	: Clear Yellowish to Slightly Pinkish liquid
Viscosity @ 25°C/77°F	: < 30 cP
Specific gravity @ 25°C/77°F	: 0.940 – 0.980
Composition	: Fluorocarbon modified polyacrylate
Solvents	: n-butyl acetate
%Solids content (120°C/1hr)	: 45.0 %

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

Properties:

PAT-ADD LE 1477 is a highly efficient surface tension modifier for solvent systems. The product demonstrates excellent substrate wetting, preventing the formation of craters, pinholes and poor substrate coverage of coatings applied onto critical substrates such as improperly cleaned substrates and low surface energy substrates.

PAT-ADD LE 1477 is suitable for solvent and solvent-free systems; furthermore, it demonstrates excellent performances in inks applied on low surface energy substrates.

PAT-ADD LE 1477

Product Data Sheet

Rev 02

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Dosage & Addition

The optimal amount of PAT-ADD LE1477 is system and application related. PAT-ADD LE1477 is preferably added during the let-down stage of paint production.

The recommended dosage is between 0.05 to 1.0% as supplied on the total weight of formulation. It is highly recommended that evaluations of performance and compatibility be made empirically, applying close-to-practice test conditions. The optimum concentration depends on the individual formulation and conditions.

End Use Application

Recommended for solvent and solvent free wood and industrial coatings, incl. 2-pack PUR, EP, OEM, auto refinish; paints and varnishes, inks and similar application requiring surface tension reduction.

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

Should be stored in a cool dry place.

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: - 190.0 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.