

PAT-ADD LE 1040

Product Data Sheet

Rev 01

April 2018



Product Features

PAT-ADD LE 1040 is a levelling additive for waterborne and polar solvent-borne coatings

PAT-ADD LE 1040 is primarily used in industrial coatings.

PAT-ADD LE 1040 enhances flow, leveling, slip, and mar resistance

Main benefits are:

- First choice for stoving systems
- Highly effective leveling additive
- Wide compatibility
- Reduces coefficient of friction (COF)
- Reduces risk of pigment float
- Effective in epoxies, acrylic and polyester melamine resin based industrial paints

Physical Characteristics:

Appearance	: Colorless clear liquid
Viscosity @ 25°C	: <15 cPs
Specific gravity @ 25°C	: 0.890 – 0.930
Composition	: polysiloxane in solvent, ABA structure
Solvent	: ethylene glycol n-butyl ether

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

Properties:

PAT-ADD LE 1040 is a highly efficient surface tension modifier at very low use levels. The product demonstrates excellent substrate wetting, prevents craters, pinholes and coverage of coatings applied onto contaminated substrates and low surface energy substrates.

PAT-ADD LE 1040 provides excellent coating surface smoothness, contributes slip, mar, and counteracts pigment float and foam formation.

PAT-ADD LE 1040 is suitable for pigmented as well as clear coatings.

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Dosage & Addition

The optimal amount of PAT-ADD LE 1040 is system and application relate order to maintain proper recoat properties, excessive levels should be avoided. PAT-ADD LE 1040 can be added during any stage of paint production.

The recommended dosage is between 0,05 to 1,0% on total weight formula.

It is highly recommended to evaluate performance and compatibility empirically, applying close-to-practice test conditions.

The optimum concentration to be used depends on the individual formulation and conditions.

End Use Application

PAT-ADD LE 1040 is recommended as a leveling agent for waterborne and polar solvent-borne coating formulations.

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, 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.