



PATCHAM (FZC)

# PAT-ADD LE 1065

## PRODUCT DATA SHEET

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PAT-ADD LE 1065 is used as a most efficient levelling agent in solvent-borne systems, notably for UPR and PUR systems.

### **PHYSICAL CHARACTERISTICS:**

Appearance	:	Clear Pale Yellow Liquid
Viscosity @ 25°C, approx	:	50 cP
Specific gravity @ 25°C, approx	:	1.005
Composition	:	polyester polysiloxane compound
Solid Content (120°C/1 Hr.)	:	51.0 ± 2.0%
Solvent	:	1-methoxy-2-propyl acetate

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

### **PROPERTIES:**

PAT-ADD LE 1065 is a very efficient surface tension modifier, effective at very low concentrations. The product demonstrates excellent efficiency in promoting film levelling and avoiding formation of craters.

Moreover, PAT-ADD LE 1065 provides excellent surface smoothness, slip and mar resistance, counteracts pigment floating. Moreover, generally substrate adhesion is improved, specially for applications onto low surface tension materials, like most plastics.

PAT-ADD LE 1065 is suitable for use in pigmented as well as clear coating systems.

### **Main benefits are:**

- Most effective levelling agent
- Largely based on green chemistry
- Excellent compatibility, high transparency lacquers
- Effective in UPR systems, PUR-, NC-, TPA-paints and varnishes

### **DOSAGE AND ADDITION:**

The optimal amount of PAT-ADD LE 1065 to be used is system and application related. PAT-ADD LE 1065 may be added to the formulation during any stage of paint production. Following dosages, calculated on the total weight of paint formulation, are recommended to ensure proper performance typically 0,2 to 1,0%.

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

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