



# Product Data Sheet

## ADD-3239

### GENERAL

**ADD-3239** is a silicone-based levelling additive with defoaming properties. It improves the surface properties of solventbased and solvent-free coatings with particular emphasis upon levelling. With a slight influence on surface tension, **ADD-3239** can impart defoaming properties to the system. It is soluble in aliphatic and aromatic hydrocarbons, esters and ketones but insoluble in water. Sometimes it is necessary to dilute this 100% active material with a compatible solvent to improve its compatibility in a particular system. **ADD-3239** is suitable for coatings and composite.

### SPECIFICATIONS

Composition	: Solvent-free modified polysiloxane
Specific gravity @ 20°C	: Ca. 0.93 g/cm <sup>3</sup>
Flashpoint	: 100°C
Appearance	: Opalescent liquid
Active ingredients	: >98%

### APPLICATIONS AND USAGE

#### Coatings:

**ADD-3239** improves levelling and surface smoothness, increases slip and mar-resistance and avoids the formation of Bénard cells (anti-floating effect).

It is especially recommended for the following applications:

- Acid-curable or polyurethane wood finishes
- Stoving enamels based on alkyd, acrylic or polyester resins
- Self-levelling epoxy flooring compounds
- UV-curable paper lacquers

It should be added during the final thinning. For ease of handling, dilute to 10% in aromatics or mineral spirits.

**0.05-0.5%** on total formulation weight

#### Composite:

**ADD-3239** is an organically modified polysiloxane possessing excellent compatibility with a wide range of systems. It gives reduction of surface tension resulting in improved levelling and spread of the compound, with no migration of the additive. It gives good de-aeration properties during processing and application.

**ADD-3239** can be used in PVC plastisols and unsaturated polyesters (glass fiber reinforced), as well as solvent-free epoxy systems (e.g. flooring, conductor plates) and polyurethanes.

**ADD-3239** should be added to the resin prior to processing and addition of the other components, although addition to the final product is also possible.

**0.05-0.2%** on total formulation weight

### STORAGE, SAFETY & HANDLING

**ADD-3239** should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. **ADD-3239** should be handled in accordance with good industrial practice.