



# DongGuan SailAdditive

## Product technical documentation (TDS)

### S-5378 Silicone Leveling Agent

**Structure or Component:** Polyether-modified siloxane

**Features and Applications:** This high-performance leveling agent is engineered with superb substrate wetting capabilities for both solvent-based and aqueous systems, offering an effective solution for adhesion problems caused by poor surface tension in various coating formulations. It combines excellent shrinkage resistance and water resistance with a specialized flow-aid technology that significantly enhances the Distinctness of Image (DOI). This ensures a high-clarity paint film without the formation of haze, blue tint, or reduced light transmittance, making it an ideal choice for both transparent and pigmented systems. Known for its excellent compatibility, the additive does not migrate or float on the surface, ensuring a stable, turbidity-free finish. Its superior recoating performance allows for multiple layers without affecting inter-coat adhesion or film clarity, providing a flawless, high-gloss result in professional industrial and decorative coatings.

#### Technical data

Exterior:	Light yellow transparent liquid
Viscosity (25°C , mm2/s)	50-80
Density (25°C)	1.440-1.450
Non-volatile matter content (120°C/2, %)	100

#### Application and addition amount:

Applications:

Glass Baking Enamels.

Glass Printing Inks.

Automotive Glass Coatings.

Usage & Dosage:

Recommended Dosage: \* Standard: 0.1% – 1% of the total formula.

Incorporation: Add during the paint mixing stage to ensure optimal distribution

Package: 25L/Barrel or 200L plastic/steel Barrel.

Store: Store in airtight container for 24 months, Store in a cool, dry place.

Transportation: transport as non-hazardous chemicals.

Special Note: Special Note:

The technical parameters provided in this document are typical values for reference only and are not intended as product acceptance standards. Changes may be made without notice. Due to differences in usage conditions, we cannot guarantee the correctness and applicability of the product for certain uses and purposes, and do not assume any liability for any direct, indirect, or accidental losses arising therefrom. Users should conduct relevant tests or consult our technical staff before using the product