



# DongGuan SailAdditive

## Product technical documentation (TDS)

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### S-6830 Defoamer

**Structure or Component:** Polyether-modified silicone polymer

**Features and Applications:** S-6830 is a high-performance polyether-modified polysiloxane defoamer engineered with exceptional bubble-breaking and foam-suppressing capabilities. It is designed to rapidly eliminate and inhibit macro-bubbles and micro-foam generated during both the high-shear manufacturing and application phases of coatings. By reducing surface tension inconsistencies, it effectively prevents the formation of shrinkage cavities (fish-eyes) and surface defects, ensuring a flawlessly smooth and aesthetically pleasing film. Notably, S-6830 exhibits excellent compatibility within diverse resin systems and is specifically formulated to ensure it does not affect interlayer adhesion, making it an ideal choice for multi-coat industrial and decorative painting processes where structural integrity is as critical as surface finish.

#### Technical data

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Exterior:	milk white
Density (25°C)	0.90-0.96
Non-volatile matter content (120°C/2h, %)	40

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#### Application and addition amount:

**Applications:**

Water-based paint, ink, leather paint.

**Usage & Dosage:**

**Recommended Dosage:** \* Standard: 0.2% – 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