



DongGuan SailAdditive

Product technical documentation (TDS)

S-6814 Defoamer

Structure or Component: Non-silicon

Features and Applications: S-6814 is a high-efficiency non-silicon (silicone-free) defoamer engineered for exceptional bubble-breaking and long-term foam suppression. Designed to rapidly eliminate both macro-bubbles and micro-foam during high-shear manufacturing and application, it effectively prevents surface defects like shrinkage cavities (fish-eyes). Its unique silicone-free chemistry ensures maximum interlayer adhesion and compatibility across diverse resin systems, making it the ideal choice for multi-coat industrial and decorative painting where a flawless, high-integrity finish is critical.

Technical data

Exterior:	Amber-colored transparent liquid
Density (25°C))	0.90-0.96
Non-volatile matter content (120°C/2h, %)	50

Application and addition amount:

Applications:

oil base paint, ink, leather paint.

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