



DongGuan SailAdditive

Product technical documentation (TDS)

S-1484 Silicone Leveling Agent

Structure or Component: polyether siloxanecopolymer

Features and Applications: S-1484 is a high-performance organic silicon surface additive designed as a direct alternative to TEGO-1484, offering a perfect balance of excellent leveling and powerful degassing properties. Specifically engineered for solvent-free and high-solid systems, it significantly reduces surface tension to eliminate orange peel and craters while actively promoting the rapid release of entrapped air (micro-foam) during application. Its dual-action chemistry ensures a flawless, mirror-like finish even in high-viscosity formulations or thick-film coatings. Widely used in industrial coatings, floor coatings, and high-solid wood finishes, S-1484 is the ideal solution for achieving high-gloss, bubble-free surfaces without compromising inter-coat adhesion, making it a versatile choice for both clear and pigmented topcoats.

Technical data

Exterior:	Light yellow to amber transparent liquid
Viscosity (25°C , mm ² /s)	300-500
Density (25°C)	1.440-1.450
Non-volatile matter content (120°C/2, %)	100

Application and addition amount:

Applications:

Floor coatings, Protectivecoatings

General industrial coatings, Wood coatings

Usage & Dosage:

Recommended Dosage: Standard: 0.05% – 0.5% 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