



DongGuan SailAdditive

Product technical documentation (TDS)

S-608 Wetting Agent

Structure or Component: polyether-modified polydimethylsiloxane copolymer

Features and Applications: Similar to Momentive Silwet 408, S-608 is a high-performance nonionic silicone surfactant specifically engineered as a superspreader for advanced agricultural applications. It features super-extended wettability that drastically reduces the surface tension of spray solutions, allowing for rapid coverage and a significant increase in the effective surface area of herbicides, insecticides, and fungicides. Beyond surface spreading, S-608 promotes superior stomatal penetration, ensuring that active ingredients are absorbed more efficiently by the plant, even under challenging conditions. Its unique chemical stability makes it highly effective in both aqueous and oil-based formulations, preventing runoff and enhancing rainfastness. By optimizing the diffusion of agricultural chemicals, S-608 allows for reduced spray volumes and improved bio-efficacy, making it an essential additive for precision farming and high-efficiency crop protection.

Technical data

Exterior:	Light yellow to amber transparent liquid
Viscosity (25°C , mm2/s)	20-80
Non-volatile matter content(%):	100

Application and addition amount:

Applications:

Printing Inks:

Solvent-based and water-based coatings, leather,
Agrochemical, herbicide, and pesticide coverage

Usage & Dosage:

Recommended Dosage: * Standard: 0.01% – 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