

Technical Data Sheet

Last revised: **01-2019**

DELTA-SC® 2035

DELTA-SC® 2035 is a silicone surface additive designed especially for unsaturated polyester and epoxy resins. Due to the solvent used (Methoxypropanol), **DELTA-SC® 2035** is particularly suitable for aqueous coatings.

Specifications:

Composition	: Solution of organically modified siloxane
Solvent(s)	: Methoxypropanol
Specific gravity @ 20°C	: ca. 1.00 g/cm ³
Flashpoint	: 32 °C
Appearance	: Clear, colorless liquid
Active ingredients	: 52.5%

Methods of analysis can be received upon request

Applications and usage:

Coatings

DELTA-SC® 2035 reduces surface tension and therefore provides better substrate wetting. At the same time surface slip and mar-resistance are increased and anti-blocking properties are improved.

Formation of Bénard cells is avoided, and levelling and gloss are improved.

DELTA-SC® 2035 is hydrolysis resistant and offers better compatibility in comparison to normal dimethylpolysiloxanes particularly in polar systems. It helps to prevent curtain-rupture in curtain coating applications.

DELTA-SC® 2035 can be used in water- and solvent-based coatings.

DELTA-SC® 2035 can be added at any stage of manufacture as long as sufficient shear forces are applied to ensure uniform distribution of the additive. When added during the dispersion process, it speeds up wetting.

0.1-0.5% on total formulation weight

Safety and Handling:

DELTA-SC® 2035 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-SC® 2035 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The production date is indicated on the container.

Packaging:

50 kg and 180 kg non-returnable metallic containers.