

Technical Data Sheet

Last revised: **01-2019**

DELTA-SC® 2580

DELTA-SC® 2580 is surface control additive for aqueous systems. It provides powerful reduction in surface tension, which leads to excellent substrate wetting, leveling and anti-cratering properties. It is suitable for **coatings** and **printing inks**.

Specifications:

Composition	: Modified polysiloxane
Specific gravity @ 20°C	: ca. 1.11 g/cm ³
Refractive index	: ca. 1.461
Appearance	: Clear to slightly hazy liquid
Active ingredients	: >90%

Methods of analysis can be received upon request

Applications and usage:

Coatings

DELTA-SC® 2580 is a solvent-free organically modified polysiloxane. The use of **DELTA-SC® 2580** gives the following advantages:

- Excellent anti-cratering behaviour and leveling
- Better substrate wetting
- No inter-coat adhesion problems in multi-layer applications
- Little or no foam stabilization

DELTA-SC® 2580 is recommended for use in all kinds of water-based coatings with a pH range of 4 - 10.

It does not increase surface slip but if higher surface slip is required in a given system, the additional usage of **DELTA-SC® 2230** is recommended.

DELTA-SC® 2580 can be added prior to or after processing. In all cases care should be taken to ensure uniform distribution.

0.1-1.0% on total formulation weight

Printing Inks

DELTA-SC® 2580 is a solvent-free surface control additive that greatly reduces the surface tension in aqueous printing inks. It improves substrate wetting and leveling but does not increase the surface slip.

DELTA-SC® 2230 can be added in combination with **DELTA-SC® 2580** to improve the slip performance.

DELTA-SC® 2580 causes little or no foam stabilization and does not affect the inter-adhesion.

DELTA-SC® 2580 is especially suitable for solvent-free aqueous printing inks.

DELTA-SC® 2580 can be added prior to or after processing. In all cases care should be taken to ensure uniform distribution.

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Safety and Handling:

DELTA-SC® 2580 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-SC® 2580 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.
