

Technical Data Sheet

Last revised: **01-2019**

DELTA-SC® 2230

DELTA-SC® 2230 is a silicone-based surface additive to improve surface properties in all solvent-based, solvent-free and aqueous systems. It is specially used in systems in which solvent-free additives are requested or where a requirement for a special solvent exists. **DELTA-SC® 2230** can be used in **coatings** and **printing inks**.

Specifications:

Composition	:	Organically modified siloxane
Specific gravity @ 20°C	:	ca. 1.05 g/cm ³
Appearance	:	Clear, colorless liquid
Flash point	:	>100 °C
Active ingredients	:	>96.0%

Methods of analysis can be received upon request

Applications and usage:

Coatings

DELTA-SC® 2230 is used in water- and solvent-based industrial coatings, particularly in spray applications. It gives the following advantages:

- Improves leveling
- Increases scratch and abrasion resistance
- Prevents floating
- Anti-blocking characteristics

It can be added at any stage during the production process. When added during the dispersion process, it speeds up wetting.

0.05-0.15% on total formulation weight

Printing Inks

DELTA-SC® 2230 is active at the substrate and air interfaces of inks and overprint varnishes. This results in:

- Improved substrate wetting and levelling
- Improved block resistance
- Increased scuff resistance

DELTA-SC® 2230 has very broad compatibility with a broad range of printing ink systems. An applied film containing **DELTA-SC® 2230** is relatively insensitive to pin-holing even at high concentrations of the additive.

It is compatible with a broad range of formulation polarities. It may be used in water-based, solventbased and UV-curable printing inks and over-print varnishes.

DELTA-SC® 2230 is especially effective in nitrocellulose-based systems for flexographic and gravure printing.

DELTA-SC® 2230 is also effective in UV flexographic printing.

DELTA-SC® 2230 can be added at any stage during the production process. When added during the dispersion process, it speeds up pigment wetting.

Technical Data Sheet

Last revised: **01-2019**

In all cases care should be taken to ensure uniform distribution.
0.05-0.15% on total formulation weight

Safety and Handling:

DELTA-SC® 2230 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-SC® 2230 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 non-returnable metallic containers.
