

Technical Data Sheet

Last revised: 01-2019

DELTA-SC® 2033

DELTA-SC® 2033 is a cost-effective silicone surface additive to provide good substrate wetting of critical substrates and excellent anti-cratering by reduction of surface tension of the coating systems. It also improves surface slip, scratch resistance and antiblocking properties.

DELTA-SC® 2033 improves dust and spray dust acceptance and allows higher film thickness on vertical surfaces. It reduces air draft sensitivity particularly in wood coatings. **DELTA-SC® 2033** prevents formation of Bénard cells and improves flattening agent orientation. It is suitable for **coatings** and **printing inks**.

Specifications:

Composition	: Solution of a polyether-modified siloxane
Solvent(s)	: Butylacetate
Specific gravity @ 20°C	: ca. 0.91 g/cm ³
Flashpoint	: 24 °C
Appearance	: Clear liquid
Active ingredients	: 13-15%

Methods of analysis can be received upon request

Applications and usage:

Coatings

DELTA-SC® 2033 is highly compatible with various resin systems (solvent-based), which makes it suitable for use in clear coatings such as two-pack PU and acid curing systems.

Due to its low surface tension, **DELTA-SC® 2033** reduces air draft sensitivity in wood and furniture coatings and prevents formation of Bénard cells and cratering in various resin systems.

DELTA-SC® 2033 also improves surface slip, scratch resistance and anti-blocking properties.

It can be added at any stage of manufacture as long as sufficient shear forces are applied to ensure uniform distribution of the additive.

0.1-1.0% on total formulation weight

Printing Inks

DELTA-SC® 2033 increases surface slip, reduces the abrasion and gives anti-blocking properties. At the same time, gloss and wetting of critical substrates are improved. It is especially effective in nitrocellulose-based flexographic inks.

DELTA-SC® 2033 can be added at any stage of the manufacturing process. In all cases care should be taken to ensure uniform distribution.

0.1-1.0% on total formulation weight

Safety and Handling:

DELTA-SC® 2033 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.



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Storage:

DELTA-SC® 2033 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.
