



DELTA-SC® 2236

DELTA-SC® 2236 is a silicone surface additive with defoaming properties to improve the surface properties of coatings, with particular emphasis upon leveling, it increases surface slip and thus improves scratch and mar-resistance. DELTA-SC® 2236 is a heat resistant due to the alkyl-modification, which shows no thermal decomposition at high temperatures in baking systems such as coil coatings (up to 280°C for 15 minutes).

Specifications:

Composition	:	Solvent-free modified polysiloxane
Specific gravity @ 20°C	:	ca. 0.95 g/cm ³
Flashpoint	:	51°C
Appearance	:	Transparent liquid
Active ingredients	:	>98%

Methods of analysis can be received upon request

Applications and usage:

► Coatings

DELTA-SC® 2236 is an alkyl-modified polysiloxane, soluble in aliphatic and aromatic hydrocarbons, esters and ketones, insoluble in water.

DELTA-SC® 2236 improves the general surface characteristics and in particular the following advantages are gained:

- Improved levelling and surface smoothness
- Increased slip and mar-resistance
- Orange-peel effect and cratering are prevented
- The formation of Benard cells (anti-floating effect) is avoided
- Improved overspray acceptance
- Acts as a defoamer and de-aeration aid

DELTA-SC® 2236 is especially recommended for non-aqueous coatings. The alkyl-modification makes it act as a defoamer and slip agent.

It is highly recommended in the following applications:

- Stoving enamels based on alkyd-, acrylic- or polyester resins
- Acid cured- or polyurethane- wood finishes particularly when applied by curtain coating
- Self-levelling epoxy flooring compounds
- UV-curable paper lacquers
- Air-dried alkyd systems

It should be added during the final thinning. For ease of handling, dilute to 10% in aromatics or mineral spirits.

0.05-0.5% on total formulation weight

Safety and Handling:

DELTA-SC® 2236 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-SC® 2236 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.
