

KAM-SCA 36

Silicone-based surface control additive with defoaming properties to improve the surface properties of solvent-based and solvent-free systems.

Particular emphasis upon leveling, it increases surface slip and thus improves scratch and mar-resistance.

Technical Specifications

Composition	:	Solvent-free modified polysiloxane
Specific gravity @ 20°C	:	ca. 0.95 g/cm ³
Appearance	:	Transparent colorless liquid
Active matter	:	>97%

Applications

KAM-SCA 36 is an alkyl-modified polysiloxane, soluble in aliphatic and aromatic hydrocarbons, esters and ketones. It improves the general surface characteristics and in particular the following advantages are gained:

- Increased slip and mar-resistance
- Improved levelling and surface smoothness
- Orange-peel effect and cratering are prevented
- Improved overspray acceptance
- The formation of Bénard cells (Anti-floating effect) is avoided.

KAM-SCA 36 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

KAM-SCA 36 must be added during the final thinning. For ease of handling, dilute to 10% in aromatics or mineral spirits.

Recommended addition level (as supplied): 0.05% to 0.5% based upon on total formulation.

Storage, Safety and Packaging

To be stored in a cool dry place and handled in accordance with good industrial practice.

When kept in an original unopened container, it will keep up to min. 4 years from the date of manufacture.