

KAM-SCA 90

Premium silicone-based surface control additive for solvent-free, and solvent-based and aqueous coating systems, printing inks and adhesive systems with a strong reduction of surface tension.

Very suitable for high gloss and clear systems.

Technical Specifications

Composition	:	Organically modified polydimethylsiloxane
Specific gravity @ 20°C	:	ca. 1.01 g/cm ³
Flashpoint	:	>100 °C
Appearance	:	Clear and transparent liquid
Active matter	:	96-100%

Applications

KAM-SCA 90 is a very effective surface control additive, which improves levelling and surface smoothness, increases drastically scratch and abrasion resistance, enhances anti-blocking characteristics and prevents cratering.

KAM-SCA 90 exhibits excellent compatibility properties, making it very suitable for use in high gloss and clear systems.

The additive has minimal effect on inter-coat adhesion and foam stabilization.

KAM-SCA 90 can also help prevent floating and flooding, and improve the orientation of matting agents in matted finishes.

KAM-SCA 90 is recommended for all kinds of solvent-based high gloss coatings, especially wood finishes. It is also suitable for water-based industrial coatings and recommended for improving the substrate wetting of ambient-curing polyurethane and epoxy-based systems.

KAM-SCA 90 can be added at any stage of manufacture as long as sufficient shear forces are applied to ensure uniform distribution of the additive.

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.