

## KAM-SCA 31

Silicone-based surface control additive for solvent-free and solvent-based coating systems, printing inks and adhesive systems with a strong reduction of surface tension and a strong increase of surface slip.

Heat-resistant up to 210 °C.

### Technical Specifications

Composition	:	Solution of a polyester-modified polydimethylsiloxane
Solvent(s)	:	Alkylbenzene
Specific gravity @ 20°C	:	ca. 0.95 g/cm <sup>3</sup>
Flashpoint	:	40 °C
Appearance	:	Clear to slightly hazy colorless liquid
Active matter	:	52%

### Applications

**KAM-SCA 31** provides good substrate wetting of critical substrates and excellent anti-cratering by reduction of surface tension of the final systems.

**KAM-SCA 31** also improves surface slip, mar resistance and anti-blocking properties.

**KAM-SCA 31** is heat-resistant, which shows no thermal decomposition at temperatures between 150°C and 230°C.

Due to its low surface tension, **KAM-SCA 31** prevents floating of pigments, Bénard cells and pinholing.

**KAM-SCA 31** is suitable for coatings and printing inks and adhesives. It is especially effective in nitrocellulose-based flexographic inks and UV-curable over-print varnishes.

**KAM-SCA 31** 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): 0.1% to 0.3% 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.