

KAM-SCA 580

Surface control additive for aqueous systems. It provides powerful reduction in surface tension, which leads to excellent substrate wetting, levelling and anti-cratering properties. Suitable for coatings and printing inks.

Technical Specifications

Composition	: Organically modified polydimethylsiloxane
Specific gravity @ 20°C	: ca. 1.11 g/cm ³
Flashpoint	: >100 °C
Appearance	: Clear to slightly hazy liquid
Active matter	: 96-100%

Applications

KAM-SCA 580 is a solvent-free organically modified polysiloxane. The use of **KAM-SCA 580** in aqueous systems gives the following advantages:

- Excellent anti-cratering behavior and levelling
- Better substrate wetting
- No inter-coat adhesion problems in multi-layer applications
- Little or no foam stabilization

KAM-SCA 580 is recommended for use in all types of water-based coatings with a pH range of 4 to 10.

KAM-SCA 580 does not increase surface slip; however, if enhanced surface slip is required for a specific system, the addition of **KAM-SCA 30** is advised.

KAM-SCA 580 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 1.0% 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.