

KAM-SCA 34

Silicone-based surface control additive for substrate wetting, anti-cratering and levelling of solvent-based and water-based coating systems.

Technical Specifications

Composition	: Fluorocarbon-containing organically modified siloxane
Solvent(s)	: Methoxypropanol
Specific gravity @ 20°C	: ca. 0.98 g/cm ³
Appearance	: Slightly coloured opalescent liquid
Active matter	: 52%

Applications

KAM-SCA 34 has very low surface tension and is extremely compatible with most paint systems, both water- and solvent-based industrial coatings.

KAM-SCA 34 promotes substrate wetting and acts as an anti-cratering agent in solvent-based and aqueous coatings (Cratering that is often caused by insufficient cleaning of the substrate or by particles of dirt or incompatible substances can be overcome).

KAM-SCA 34 improves surface smoothness and slip, and prevents floating. The advantage of improved substrate wetting caused by reduced interfacial tension also results in foam stabilization in some cases. It is therefore recommended in such cases to incorporate a defoamer/anti-foam at the same time.

KAM-SCA 34 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.