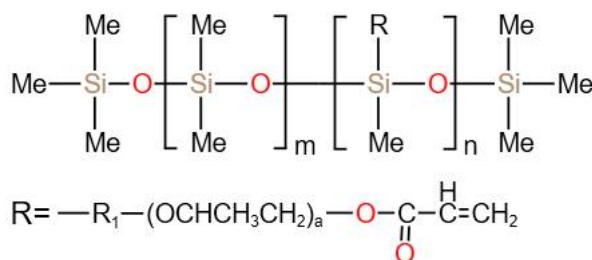


## Side-chain Acryloxy-modified Silicone Oil

**SK-SOAC-2-600S**



### Product Description:

● This product is an acryloxy-modified organosilicon polymer, methyl-terminated at both ends. Its main chain consists of alternating or block structures of acryloxy methyl disiloxane and dimethylsiloxane segments. The introduction of acryloxy side groups makes it a key component for free radical UV-curable coatings, particularly suitable for light-curable release agents applied to heat-sensitive substrates.

### Technical Specifications:

Parameter	Typical Value	Test Method/Instrument
Appearance	Transparent light green liquid	Visual inspection
Viscosity (mPa.s/25℃)	500~700	GB/T 10247-2008
Density (25℃)	0.98~1.0 g/cm <sup>3</sup>	GB/T 29617-2013
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Volatile content (%)	≤ 1	150℃/1H

### Typical Applications:

- Release Agent: Acts as an anchoring agent to enhance adhesion to substrates.
- Coating Additive: Added to UV-curable coatings to provide weather resistance, anti-graffiti properties, and defoaming functions.

### Packaging & Storage:

- Packaging: 200KG iron drums.
- Storage: Store at room temperature in a dry place.
- Transportation: Non-flammable, non-explosive, and classified as non-hazardous goods.
- Shelf Life: Optimal within 12 months of production. Post-expiration use requires re-inspection.

### Safety & Environmental:

- Ensure proper protective equipment is worn when handling this product. Refer to the Material Safety Data Sheet (MSDS) for details.
- Dispose of packaging according to local solid waste regulations.

### Notes:

- The information provided in this document is based on reliable data from our company. Product specifications and performance may change without prior notice.
- The information is derived from laboratory and practical experience and is for reference only. Since conditions and methods of use are beyond our control, application testing is recommended before use.
- Some performance parameters of the product can be adjusted according to customer requirements. If needed, please contact our technical department engineers.