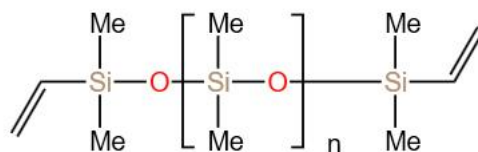


## Low-VOC Terminal Vinyl Silicone Oil

### SK-SOV-100L



### Product Description:

● This product is a linear organosilicon polymer with terminal vinyl groups, featuring a dimethylsiloxane backbone. Through optimized molecular structure and purification processes, it achieves extremely low volatility while maintaining excellent heat resistance, chemical stability, and processability. Specially designed for low-VOC applications, it is ideal for high-value fields such as precision electronics and secondary-cure-free liquid silicone rubber.

### Technical Specifications:

Parameter	Typical Value	Test Method/Instrument
Appearance	Colorless to pale yellow transparent liquid	Visual inspection
Viscosity (mPa.s/25℃)	90~110	GB/T 10247-2008
Refractive Index (25℃)	1.40~1.41	GB/T 6488
Vinyl Content (wt%)	1.0~1.1	Sodium thiosulfate back-titration
Volatile content (%)	≤ 0.5	200℃/4H

### Typical Applications:

- **Encapsulation Materials:** Optical lens encapsulation adhesives, fog-free at high temperatures to ensure light transmittance.
- **Thermal Interface Materials:** Thermal conductive silicone gels or pads.
- **Liquid Silicone Rubber:** Secondary-cure-free liquid silicone rubber products.

### Packaging & Storage:

- Packaged in 200KG iron drums.
- Store at room temperature, dry, and away from light.
- Non-flammable and non-explosive, classified as non-hazardous for transport.
- Best used within 12 months from the production date. Re-inspect if expired.

### 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.

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