

## Silicone Anchoring Agent

**SK-AP9176**

### Product Characteristics:

- Significantly improves the adhesion of addition-cure silicone rubber to metals, polyolefins, and other substrates.
- Vinyl-functional reactive type.

### Technical Specifications:

Parameter	Typical Data	Test Standard
Appearance	Light yellow transparent liquid	Visual inspection
Kinematic Viscosity (mm <sup>2</sup> /s, 25°C)	30-200	GB/T 10247-2008
Refractive Index (25°C)	1.44~1.46	GB/T 6488
Vinyl Content (wt%)	6.0~7.0	Sodium thiosulfate back-titration

### Typical Applications:

- LED Encapsulation Silicone: Promotes adhesion of phenyl silicone resin to PPA, silver-plated surfaces, and other materials.
- Silicone Release Agent: Enhances the anchorage of release agents to substrates with minimal release force increase.

### Usage Guidelines:

- Can be added to any component at 0.5–2% of the total silicone weight.
- Curing is recommended above 100°C. Curing time depends on the specific application.

### Packaging & Storage:

- Packed in 5 kg/bucket, 20 kg/carton.
- Store at room temperature in a ventilated, dry area protected from moisture.
- Non-flammable, non-hazardous for transportation.
- Recommended shelf life: 6 months from production date. Retest if expired.

### Safety & Environmental:

- Wear appropriate protective equipment when handling. Refer to the Material Safety Data Sheet (MSDS) for details.
- Dispose of packaging per 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.