

Silicone Adhesion Promoter

SK-AP03

Product Characteristics:

● Enhances adhesion of addition-cure silicone to stainless steel, aluminum, glass, PC and other substrates.

● Hydrogen-reactive formulation.

Technical Specifications:

Parameter	Typical Data	Test Standard
Appearance	Colorless to faint yellow transparent liquid	Visual inspection
Kinematic Viscosity (mm ² /s @25°C)	10-100	GB/T 10247-2008
Refractive Index (25°C)	1.425–1.445	GB/T 6488
Hydrogen Content (wt%)	0.3–0.42	HG/T 4804-2015

Typical Applications:

● Two-component self-adhesive liquid silicone rubber for multiple substrates.

● One-component addition-cure sealants.

Usage Guidelines:

● Recommended addition to the hydrogen-containing component at 1–2% by weight.

● Cure silicone at $\geq 100^{\circ}\text{C}$; curing time varies by application.

Packaging & Storage:

● Packed in 5KG pails or 20KG cartons.

● Store at $0-8^{\circ}\text{C}$ for optimal stability (short-term room-temperature storage <1 month acceptable).

● Non-flammable and non-explosive; classified as non-hazardous for transport.

● Optimal use within 3 months of production. Re-testing required 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.