Silicone Adhesion Promoter

SK-AP093

Product Features:

- Significantly improves adhesion of addition-cure silicone to spandex, zinc-nickel plating, silicone leather, PA, PET, PI, etc.
- Hydride-functional / Si–H reactive type.

Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Slightly hazy to clear liquid	Visual
Kinematic Viscosity (25°C)	5 – 50	GB/T 10247-2008
Refractive Index (25°C)	1.420~1.440	GB/T 6488
Hydrogen Content	0.05 – 0.20	HG/T 4804-2015

Typical Applications:

- Underwear bonding silicone: promotes adhesion of addition-cure liquid silicone to Lycra fabric.
- Screen-printing silicone: promotes adhesion of addition-cure liquid silicone to various fabrics.
- Primer: adhesion promoter used as a pretreatment primer.

Usage Guidelines:

- Add to the crosslinker component. Recommended dosage: 1–2% of total silicone weight.
- Recommended curing temperature: above 100°C. Curing time depends on the specific application.

Packaging & Storage:

- Packing: 5 kg/drum; 20 kg/carton.
- Store at 0–8°C. The product is prone to hydrolysis. After opening, if not used up, blanket with nitrogen and keep dry.
- Non-flammable and non-explosive. Transport as non-dangerous goods.
- Best used within 3 months from date of manufacture. If expired, use only after passing retest.

Safety & Environmental Notes:

- Wear appropriate protective gear when handling. Refer to the MSDS for details.
- Dispose of packaging in compliance with local solid waste regulations.

Notes:

- The information contained in this document is based on reliable data we have obtained. The content, product performance improvements, and product specifications may change without prior notice.
- The information provided in this document is based on our laboratory and practical experience and is for reference only. Since the conditions and methods of using this product are beyond our control, it is essential to conduct application tests and evaluations before use.
- Some performance parameters of the product can be adjusted according to customer requirements. If needed, please contact our technical department engineer