Silicone Adhesion Promoter

SK-AP095

Key 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 Properties：

Property	Typical Value	Test Standard
Appearance	Slightly hazy to clear liquid	Visual
Kinematic viscosity (mm^2/s @25°C)	5~50	GB/T 10247-2008
Refractive Index (25°C)	1.440~1.450	GB/T 6488
Hydrogen content (wt%)	0.20~0.40	HG/T 4804-2015

Applications:

- Screen-printing adhesive: promotes adhesion of addition-cure liquid silicone to various fabrics.
- Sealant: for one-component addition-cure CIPG/FIPG bonding sealants.
- Bridging agent: interlayer adhesion promoter between hot-melt TPU and liquid silicone.

Usage:

- 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.

Packing, Storage & Transport:

- 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 engineers.