

## Silicone Adhesion Promoter

### SK-AP09

#### Product Features:

- Enhances adhesion of addition-cure silicone to nylon, spandex, zinc-nickel plating, silicone products, and other substrates.
- Hydrogen-reactive formulation.

#### Technical Specifications:

| Test Item                                      | Typical Data                          | Test standard                |
|--|---------------------------------------|------------------------------|
| Appearance                                     | Slightly cloudy to transparent liquid | Visual inspection            |
| Kinematic viscosity (mm <sup>2</sup> /s @25°C) | 5~50                                  | GB/T 10247-2008              |
| Refractive Index (25°C)                        | 1.41~1.43                             | GB/T 6488                    |
| Hydrogen content (wt%)                         | 0.1~0.3                               | Sodium thiosulfate titration |

#### Typical Applications:

- Silicone printing on Lycra fabric.
- One-part addition-cure sealants.

#### Usage Guidelines:

- Add to the crosslinker component at 1–2% by weight.
- Recommended curing: >100°C; curing time varies by application.

#### Packaging & Storage:

- Packed in 5KG pails, 20KG per carton.
- Store in a cool, dry place away from light.
- Non-flammable; transport as non-hazardous material.
- Optimal shelf life: 3 months from production date. Re-test if expired.

#### 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.