

Release Force Modifier

SK-HS-17

Product Characteristics:

- Solvent-free, fully reactive polymer.
- Effectively increases release force of silicone coatings.
- Minimal aging-related release force creep.

Technical Specifications:

Test Item	Typical Data	Test standard
Appearance	Colorless transparent liquid	Visual inspection
Viscosity (mPa·s /25°C)	2000 ± 500	GB/T 10247-2008
Specific Gravity (g/cm ³)	1.02~1.06	GB/T 4472
Refractive Index (25°C)	1.41~1.43	GB/T 6488

Typical Applications:

- Release force adjustment for release films/papers.
- Anti-adhesive packaging solutions.

Usage Guidelines:

- Dosage: Adjust according to required release force (contact technical support for optimization).
- Mixing Procedure:
 - Step 1: Blend main release agent, SK-HS-17, and diluent thoroughly.
 - Step 2: Sequentially add crosslinker and anchoring agent; mix well.
 - Step 3: Incorporate catalyst, achieve homogeneous mixture, then coat.

Packaging & Storage:

- Packaging: 5 kg/bucket or 20 kg/box.
- Storage: Dry environment at room temperature.
- Transport: Non-hazardous (compliant with international standards).

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.