

ChangFu® SP-9115

Solvent-based Thermosetting Silicone Resin

Description ChangFu® SP-9115 is an alcohol-based, high-hardness thermosetting silicone resin that forms a transparent, durable film. It provides excellent moisture, water, high-temperature, and wear resistance, while enhancing adhesion, hardness, wear resistance, and stain resistance on surfaces like ceramics, glass, and metals.

Features & Benefits

- High Hardness & Wear Resistance: Cured film reaches 9H pencil hardness, offering exceptional wear resistance.
- High Temperature & Moisture Resistance: Stable up to 300°C, with excellent moisture and water resistance.
- Superior Adhesion: Strong adhesion to ceramics, glass, and metals, achieving a 100-grid test rating of level 0.

Applications

- Industrial Equipment Coating: Ideal for metal surfaces, providing wear resistance, high-temperature, and moisture protection, extending equipment lifespan.
- Architectural Coatings: Perfect for exterior building walls, offering high hardness and weather resistance to protect against atmospheric and rainwater erosion.
- Electronic Component Coating: Provides insulation, heat dissipation, and anti-fouling performance for electronic components, enhancing device reliability.

Typical Properties

Appearance	Colorless or light-yellow clear liquid
Solid Content, wt%	15±1
pH Value	≤5
Viscosity, mPa.s	≤20

Package Offered in 25L pails and 200L drums.
Custom packaging is available.

Storage Stored in a cool, well-ventilated place.
Keep the container tightly closed.

Transportation See the corresponding Safety Data Sheet.