

**ChangFu® SP-9730**  
**Solvent-based Self-curing Silicone Resin**

**Description** ChangFu® SP-9730 is a self-curing, water-based silicone resin that forms a transparent, durable film on materials like metal, ceramic, and glass. Compared to traditional silicone resins, it offers superior high-temperature resistance, aging resistance, wear resistance, and electrical insulation performance.

**Features & Benefits** Combines both self-curing and thermosetting properties for versatile application.  
Excellent Compatibility with water-based materials.  
Maintains stable performance at temperatures up to 220°C.  
Forms coatings that achieve level 0 adhesion to most surfaces, level 1 in some cases.

**Applications** Used for surface protection across various materials, including metal, special glass, and ceramics, as well as railway bridges, ships, and engineering facilities.  
Used as a reinforcing agent in water-based coating systems, improving coating performance, enhancing durability in diverse environments, and providing superior protective effects for infrastructure and industrial equipment.

### Typical Properties

Appearance	Colorless or light-yellow clear liquid
Solid Content, wt%	30±1
pH Value	≤6
Viscosity, mPa.s	≤10

**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.