

SH-150 Polysiloxane Resin

Product SH-150 is a thermally cured, alcohol-soluble silicone polymer resin. It features excellent heat

Introduction resistance, crack resistance, weather resistance, gloss retention, and flexibility, making it suitable for protective and functional coatings on various metal surfaces.

◆ High temperature resistance

◆ Flexibility

◆ Weatherability&gloss retention

◆ Alcohol solubility

Application ✓ Household appliances, furnaces, ovens, electric irons, smokestacks, automotive exhaust pipe, and heat-resistant, fire-retardant coatings for engines.

✓ As a resin modifier, it is incorporated into other systems to impart enhanced heat resistance and weather resistance.

Product Appearance: Transparent to translucent

Index Solid Content: (45.00±2.00)%

Specific Gravity: 1.00-1.20

Viscosity: <100cp

pH: 2.00-4.00

Method of application Before application of coating, the substrate must be cleaned to remove surface oils, dust, and other contaminants. It is recommended to perform surface treatment methods such as sandblasting or other appropriate techniques to ensure optimal adhesion of the coating to the substrate.

Recommended curing condition: 150℃*10minutes, following 280℃*10minutes.

Storage Store in a cool, dry, well-ventilated place, protected from direct sunlight. Keep tightly sealed.

Shelf life: 6 months (unopened).

Packaging 25kg/drum; 200kg/drum

Discharge Do not discharge it into the wastewater system, put it in a specific container for professional disposal.

Emergency 1. In case of leakage or spillage, collect it in a container and clean the ground pollutants with a

treatment cloth.

2. If this product accidentally come into contact with the eyes, rinse immediately with plenty of water for at least 15 minutes. If discomfort persists, seek medical attention immediately.
3. If this product comes into contact with the skin, wash with water and soap. Seek medical attention immediately if discomfort occurs.
4. If discomfort occurs from accidental inhalation of spray: Immediately move to fresh air; Seek medical attention without delay