

SH-3010A Polysiloxane Resin

Product SH-3010A resin is an acrylic-modified polysiloxane resin. Its polysiloxane and acrylic resin components form an interpenetrating polymer network (IPN) structure, allowing SH-3010A to combine the advantages of both polysiloxane and acrylic resins. SH-3010A resin features high solid content, low VOC emissions, and offers excellent stability and weather resistance.

- ◆ Color&gloss retention ◆ Acid&alkali resistance ◆ High solid content, low viscous
- ◆ Corrosion resistance ◆ Weatherability

Application

- ✓ High performance topcoat with excellent weatherability.
- ✓ Anti-corrosive topcoat.
- ✓ Widely used in various coatings applications.

Product	Color:	Colorless to light yellow
Index	Appearance:	Transparent liquid
	Solid Content:	(81.00±2.00)%
	Viscosity:	300-1500cp

Method of application

1. Recommend curing agent SH-207, with a resin to curing agent ratio of 7:1.
2. This resin is moisture curable and sensitive to moisture and alkaline substances. When using, solvents and fillers with high moisture content should be avoided. During application, the production process should:
 - Avoid solvents and pigments/fillers with high water content.
 - Minimize exposure to high-humidity environments during production.
 - Reduce air contact as much as possible to maintain product stability.

Storage Store in a dry, well-ventilated place at temperatures between -5°C to 40°C, protected from direct sunlight. Keep tightly sealed. Shelf life: 12 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 treatment**
1. In case of leakage or spillage, collect it in a container and clean the ground pollutants with a 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 and seek medical attention without delay.