

SH-219E Polysiloxane Resin

Product SH-219E is an epoxy-modified polysiloxane resin characterized by its high silicon content and substantial molecular weight. It features high active ingredients, low VOC emissions, minimal odor, and is free of isocyanates. As a non-toxic material that cures at room temperature, it delivers exceptional corrosion resistance and weather durability.

- ◆ Solvent free ◆ High solid content ◆ Corrosion resistance
- ◆ Room temperature curable ◆ Acid&alkali resistance ◆ Weather resistance
- ◆ Weak odor

Application

- ✓ Corrosion resistance protective coatings
- ✓ High temperature resistance coatings
- ✓ As a resin modifier, it is used to incorporate silicone components into other resin systems

Product Color: Colorless to pale yellow

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Non-volatile Content	82.00-86.00%
Specific Gravity:	1.00-1.20
Viscosity:	500-2500cp
Epoxy value(mol/mg):	0.02-0.05

Method of application

1. Recommended catalyst is SH-207, and the mixing ratio of resin and catalysts SH-207 is 5 : 1 (by weight).

2. This resin is moisture-curing but highly sensitive to moisture and alkaline substances.

Critical measures during use:

- Avoid solvents/pigments with high moisture content
- Minimize exposure to high-humidity environments during production
- Limit air exposure of the product (store in sealed containers)

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.
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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.
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