

SH-216 Polysiloxane Resin

Product SH-216 is an epoxy-modified polysiloxane resin characterized by its high silicon content and substantial molecular weight. This product features high solid content, low viscosity, 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, making it ideal for heavy-duty protective coating applications.

- ◆ Solvent free
- ◆ High solid content
- ◆ Corrosion resistance
- ◆ Room temperature curable
- ◆ Acid&alkali resistance
- ◆ Weather resistance
- ◆ Low 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 light yellow

Index Active Ingredient: >98.00%

Specific Gravity: 1.00-1.20

Viscosity: 100-500cp

Epoxy value(mol/mg): 0.06

Method of 1. Recommended catalyst: SH-207; Mixing ratio: Resin : SH-207 = 5 : 1.2 (by weight).

application 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; SEEK medical attention without delay
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