

## Curing agent

### RG-3302

#### Characteristics and Benefits:

This product is a polymerized carbodiimide curing agent. It can react with the carboxyl groups in water-based resins, resulting in cross-linking, significantly enhancing the internal cohesion strength, hydrolysis resistance, and temperature resistance of the resin. When added to water-based coatings, it reacts slowly at room temperature, ensuring a certain opening period for the water-based coatings. When the coatings are processed onto the substrate and dried, the temperature rises, and this product can quickly react with the carboxyl groups in the resin to form cross-links.

1. Excellent water dispersibility: Appropriate opening period
2. Can provide the resin with long-lasting hydrolysis resistance
3. Significantly improves the resin's temperature resistance
4. Can enhance the resin's scratch and wear resistance

#### Product Specifications:

Appearance	Light yellow to light red transparent
Solid content	50 ± 2%
Solvent	PMA
Viscosity	80-150cps/25°C

#### Product advantages:

1. Can replace polyaminoacrylate curing agent without causing sensitization:
2. Has better yellowing resistance than aminoacrylate curing agent:
3. After adding this product, there will be no significant change in the viscosity of water-based resin.

#### Usage method:

1. It is recommended to add according to performance requirements, generally 1-5%; add while stirring:

2. For resin systems without solvents and those with relatively low viscosity, it is recommended to add while high-speed stirring, or dilute with solvents such as PMA, BCS first before adding:

3. If the temperature is low, the viscosity of this product will increase. It is recommended to heat it to above 15°C before using or dilute with solvents before using.

**Storage:**

Store at room temperature, protected from light and heat. It can be stored for more than 6 months in the original sealed packaging.