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## Dispersant

### RD-9781

#### Features and advantages:

RD-9781 is a kind of polymer dispersant, mainly in the oil/alcohol water based system for inorganic pigments (iron oxide, titanium dioxide and various fillers, etc.) grinding and dispersing, has excellent wetting dispersion and anti-flocculation effect on pigments, greatly reduce the viscosity of the system to increase the amount of powder added, and inorganic pigments (titanium dioxide) control prominent has obvious anti-float color flower effect.

#### Product specification:

appearance	Light yellow viscous liquid
Specific gravity	1.08g/cm <sup>3</sup>
Effective portion	98±2%
Chroma (Gardner)	<5
acid-base	metaacid

#### Recommended dosage calculation formula:

Amount of dispersant (g) = [specific surface area of pigment (m<sup>2</sup>/g) ÷ 500] × weight of pigment (g)

Pigment type	Inorganic pigment	packing	Titanium dioxide
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Dispersant dosage (100% active content)	2-5.0%	0.5-1.5%	1-3%
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**Use:** First, the RD-9781 was dissolved in the mixture of grinding base, and then the pigment was added for grinding or stirring.

**Scope of application:**

1. Inorganic pigments (titanium dioxide, talc, calcium carbonate, iron oxide, etc.) grinding and dispersing;

**Storage conditions and shelf life:**

1. Keep away from high temperature and ignition sources;
2. Place in a ventilated and cool place;
- 3, please seal after use;
4. The shelf life is 36 months.

**Packing specification:** net weight 25Kg/ barrel, 200Kg/barrel.

**Note:** Because the active content of the product is high, turbidity will appear when the temperature is lower than 15 degrees, which is the characteristic of the product itself and has no effect on the product effect.