



### Wetting dispersant

#### Overview

307 is an acrylic polymer synthetic copolymer primarily used in solvent-based coatings and ink systems for pigment wetting, dispersion, and viscosity reduction. It enhances dispersibility, color development, hiding power, and gloss.

# Physicochemical Properties

Appearance	Yellow-brown Liquid	Composition	High molecular Weight Acrylic Copolymer
Solid Content	50.0±2.0 %	Solvent	Ethylene glycol diacetate/ Isoparaffinic Solvent
Density	0.92 g/ml		

### **Characteristics** and **Advantages**

- Effectively wets pigments and fillers, significantly reduces viscosity, and enhances grinding fluidity.
- Helps prevent color separation and floating.
- Improves color development, gloss, and hiding power.
- Prevents pigment re-agglomeration and enhances storage stability.

#### **Dosage**

Usage before grinding:

• For inorganic pigments: 1-5%

• For organic pigments: 5-20%

#### **Application**

Suitable for systems such as coatings, inks, and colorants. Particularly effective for grinding colorant systems with 65%-70% high solid content titanium dioxide.

## Precautions & Storage

Storage conditions: 0-40 °C, in a cool, well-ventilated area. Keep the container tightly closed, away from heat and sources of ignition.

#### Safety

Refer to MSDS

#### **Packaging**

25 KG/barrel

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For further detailed information, please contact our company directly.

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The information provided is compiled based on our current knowledge and is intended for reference only. No guarantees are made. We reserve the right to modify product parameters within the scope of process advancements or product development. Due to the wide range of processing conditions and raw material combinations beyond our control, users are advised to conduct suitability tests before production.

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