

## Technical Data Sheet

### Product Name: Nova DA207

Universal Epoxy Dispersant Booster

Version: 09/2025

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### 1. Product Description

Nova DA207 is a **universal dispersant blend** optimized for mixed pigment packages in solvent-based epoxy coatings, it improves dispersion across both inorganic and organic pigments, while preventing color floating and enhancing film leveling.

### 2. Applications

- Solvent-based epoxy flooring systems
- Epoxy primers and topcoats with multi-pigment blends
- Universal pigment concentrates for epoxy systems

### 3. Physical and Chemical Properties

Property	Specification
Appearance	Clear to pale yellow liquid
Solubility	Solvent-compatible
Density (g/cm <sup>3</sup> at 25°C)	~0.92 – 0.96 g/cm <sup>3</sup>
pH (1% Solution)	7-9
Active Content	45 – 50 %
Acid Value	25 - 35 mg KOH/g

### 4. Key Benefits & Market Value

- Universal performance across TiO<sub>2</sub>, inorganics, and organics.
- Prevents color shift and pigment floating.
- Improves gloss and surface smoothness.
- Compatible with amine-cured epoxy systems.

## 5. Usage Guidelines :

- **Recommended Dosage:** 0.5 – 2.0 % on total formulation weight.
- **Incorporation:** Add during grind.
- **Pre-dilution** in solvents recommended for easy dosing

## 6. Storage and Handling

- Store in cool, dry place; avoid direct sunlight.
- Keep tightly sealed when not in use.
- Use standard PPE during handling.

## 7. Packaging

- 50 kg plastic drum
- 200 kg steel barrels.

For customized packaging options, please contact our sales team.

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