Technical Data Sheet

Product Name: Nova DA207
Universal Epoxy Dispersant Booster
Version: 09/2025

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/cm³ at 25°C)	~0.92 – 0.96 g/cm³
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_2, 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.

For Technical Support & Product Inquiries

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