

Technical Data Sheet

Product Name: Nova FA201

Solvent-Based Universal Defoamer

Version: 03/2025

1. Product Description

Nova FA201 is a high-performance **solvent-based defoamer** engineered for use in a wide range of **solvent borne coatings and printing inks**. It offers **rapid knockdown** of entrapped and surface foam without compromising gloss, clarity, or surface appearance.

Designed to perform in **PU, alkyd, NC, and thermoplastic systems**, it effectively controls foam during both production and application—especially in high-shear or high-solids formulations.

2. Applications

- PU and NC solvent-based coatings
- Alkyd enamels and primers
- Automotive refinishes (clear and basecoats)
- Industrial wood coatings
- Solvent-based inks and adhesives

3. Physical and Chemical Properties

Property	Specification
Appearance	Pale Yellow
Solubility	Solvent Based system
Specific Gravity @ 20°C	~ 0.89 – 0.93 g/cm ³
pH (10% solution)	8- 10
Viscosity @25°C	< 800 cPs

4. Key Benefits & Market Value

- **Fast Foam Knockdown**
Immediate suppression of entrapped air and surface foam.
- **Clean Surface Appearance**
Maintains gloss, transparency, and smooth film finish.
- **Wide Resin Compatibility**
Performs in **PU, alkyd, NC, acrylic, and epoxy** systems.
- **Low Dosage, High Efficiency**
Delivers strong defoaming effect at minimal use levels.
- **No Cratering or Film Defects**
Engineered for clean drying with no surface interference.

5. Usage Guidelines

Recommended Dosage: 0.1–0.5% based on total formulation.

Addition Method: Add during pigment dispersion or after base preparation.

 **For best results**, conduct a preliminary test to determine the optimal dosage based on the specific formulation.

6. Storage and Handling

- Store in a **cool, dry place**, away from direct sunlight.
- Keep containers **tightly sealed** when not in use to prevent contamination.
- Use **appropriate personal protective equipment (PPE)** when handling.

7. Packaging

- **50 kg drums**
- **200 kg barrels (non-returnable containers)**

For customized packaging options, please contact our sales team.

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