

Technical Data Sheet

Product Name: Nova FA202

Solvent-Based Strong Knockdown Defoamer

Version: 05/2025

1. Product Description

Nova FA202 is a **strong-action solvent-based defoamer** developed for **high-performance industrial coatings** where aggressive and persistent foam generation occurs. Designed to perform in **high-viscosity** and **chemically resistant systems**, it rapidly suppresses both entrapped and surface foam during mixing, application, and film formation—without disrupting flow or appearance.

Its unique formulation makes it especially effective in **heavy-duty paints, epoxy tank linings, and protective marine coatings**, delivering high shear stability and excellent compatibility.

2. Applications

- High-build epoxy coatings
- Tank lining paints (solvent-based)
- Heavy-duty anti-corrosion primers
- Protective coatings for industrial steel
- PU and polyamide crosslinked systems
- Marine and offshore coatings

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	< 1000 cPs

4. Key Benefits & Market Value

- **High-Intensity Foam Breaker**
Immediately controls severe foam build-up during dispersion and high-speed processing.
- **Stability in Harsh Systems**
Functions effectively in **epoxy, polyamide, and high-solids coatings**.
- **Microfoam Control**
Prevents bubble retention during drying and film formation—preserves gloss and clarity.
- **Chemical & Thermal Resistance**
Suitable for solvent-resistant environments such as **tank linings** or **industrial floors**.
- **Non-Cratering Action**
Maintains leveling and flow performance without introducing surface defects.

5. Usage Guidelines

Recommended Dosage: 0.15–0.4% based on total formulation.

Addition Method: Add in pigment dispersion or during let-down.

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

6. Storage and Handling

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

7. Packaging

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

For customized packaging options, please contact our sales team.

Disclaimer

The information provided herein is for general informational purposes only and is not guaranteed to be accurate, complete, or up-to-date. This document does not replace professional, technical, legal, or regulatory advice.

All information is provided "as is" without any warranties, express or implied, including but not limited to suitability, reliability, or fitness for a particular purpose. PT Chemical Additives Innovations disclaims any liability arising from actions taken based on this information.

© 2025 **PT Chemical Additives Innovations**. All rights reserved. This document is protected under international copyright laws.

✉ **For Technical Support & Product Inquiries**

✉ **Email:** info@chemanova.com

🌐 **Website:** www.chemanova.com