

Defoamer — INVINO 466

Polyether-Modified Polysiloxane Emulsion with Fumed Silica

Overview

INVINO 466 is a polyether-modified polysiloxane emulsion defoamer containing fumed silica. It delivers outstanding foam-breaking and long-lasting foam-suppression performance with excellent compatibility. Suitable for use with epoxy, polyester, polyvinyl acetate, and various other resin systems. Recommended for coatings, inks, and leather applications.

Key Features

- Polyether-modified polysiloxane emulsion, contains fumed silica
- Excellent foam-breaking and long-lasting foam-suppression performance
- Outstanding compatibility with a wide range of waterborne resin systems including epoxy, polyester, and polyvinyl acetate
- Water-dilutable; easy to incorporate into formulations
- Suitable for coatings, inks, leather, and related water-based systems

Application Systems and Dosage

Recommended for waterborne systems including acrylic, styrene-acrylic, polyurethane, and polyvinyl acetate formulations. It can be added during the grinding or let-down stage. Stir gently with low shear before use.

- Stir gently with low shear before use
- Recommended dosage: 0.2–2.0% based on total formulation weight; please test for optimum addition level
- Dilutable with water; diluted solution has limited shelf stability — do not dilute with organic solvents

Physical and Chemical Properties

Property	Reference Value
Appearance	White, thixotropic liquid
Non-volatile content	ca. 47%
Solvent	Water
Density	Approx. 1.00 g/cm ³ at 25°C

pH	7.0 – 9.5
Dynamic Viscosity	500 – 2500 mPa·s at 25°C
Flash Point	> 100°C
Water Solubility	Miscible with water

Packaging and Storage

- Available in 25 KG, 200 KG drums, and 1000 KG IBC
- Store at +4°C to +40°C; shelf life at least 12 months from date of manufacture; avoid direct sunlight
- Keep away from strong oxidizers; do not dilute with organic solvents

Note: This technical data sheet is intended to provide basic product information to technicians in coatings, inks, leather, and related fields, for R&D; reference only. It does not constitute any warranty. Please pre-test for suitability.

Our technical suggestions are based on data from many experiments and cannot represent a warranty of any kind as to their performance in other formulations. Customers must always verify our product's performance in their own systems. This technical data sheet replaces all previous issues.