

Silicone Defoamer — INVINO 428

Mixture of Modified Polysiloxane and Fumed Silica in Polyether

Overview

INVINO 428 is a mixture of modified polysiloxane and fumed silica in polyether, containing no VOC. It is the starting point for testing the waterborne resin defoamer product series. Particularly recommended for high-gloss emulsion systems with low pigment volume concentration such as acrylic/polyurethane; it can be added at any production stage and is easy to incorporate. Recommended for waterborne dispersion coatings, wood coatings, adhesives, and paper coatings.

Product Characteristics

Type: Polyether-modified polysiloxane mixture, containing fumed silica

Application Systems and Dosage

- Stir gently (low shear) before use
- The long-term efficacy of the defoamer depends on the system and should be tested in different formulations (testing at different temperatures is recommended)
- Dosage based on total formulation as supplied: 0.2–2.0%

Physical and Chemical Properties

Property	Reference Value
Appearance	Clear to slightly turbid liquid
Non-volatile content	ca. 100%

Packaging

- 25 KG/drum
- 200 KG/drum
- 1000 KG IBC

Storage Stability

When stored in the original unopened container at +4 to +40°C, the product has a shelf life of at least 12 months from the date of manufacture.

Note: This technical data sheet is intended to provide basic product information to technicians in coatings, inks, 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.

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