Technical Data Sheet

Release Date: April, 2026, No.: REZUX-DSP-20260422-03E

Enfinol® DSP951

Version: 5

Overview

- Enfinol® DSP951 is a high-performance polymeric dispersant specifically designed for grinding and dispersing inorganic pigments in solvent borne wood coatings, particularly for dispersing titanium dioxide. It delivers excellent wetting, dispersing, and viscosity reduction effects, while maintaining excellent compatibility with resin systems such as synthetic fatty acids. Enfinol® DSP951 also provides outstanding anti-flooding and anti-floating effects in solvent borne coatings.

Product Features

- Excellent wetting and dispersing
- Good viscosity reduction effect
- Good compatibility with resin systems
- Good anti flooding and floating effect

Physical Properties

Product Typical Values

Appearance（25℃）	Colorless viscous liquid
Solid content（105℃，2H，%）	＞45.0
Color （Gardner）	＜8
Acid number（mg KOH/g）	24.0-30.0

Application

- Grinding and dispersing inorganic pigments (titanium dioxide) in wood coatings
- Dispersing inorganic pigments in other coating systems

Use Method

- Recommended addition level (100% active content)：

Inorganic pigments	0.5 - 3.0%
Calcium carbonate and other fillers	0.2 - 1.0%

- First, dissolve this product in the mixture of grinding base materials, and then add the pigment for grinding.
- The optimal addition amount is determined through a series of tests

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Store in a cool, dry place in an original container and avoid direct sunlight
- Shelf life---36 months

Service Restrictions

- This product has not been tested and also not specifically stated for medical or pharmaceutical using. It may not be used for human injection consumption

Limited Warranty Information - Please read carefully

- The content of this product data sheet is based on the products owned by my company, and is provided for reference only
- Due to the numerous formulations, production, and application conditions, customers should pre-test the adaptability of my company's products before using them to determine their performance, efficiency, and safety
- The suggestions we provide shall not be considered as a cause of any patent infringement. The sole responsibility of our company is to refund the money or exchange it for a product with same value
- Welcome to visit our website, **www.rezux.com**, for more information