Technical Data Sheet

Release Date: April, 2026, **No.:** REZUX-DSP-20260422-05E

Enfinol® DSP410U

Version: 1

Overview

- Enfinol® DSP410U is a wetting and dispersing agent designed to stabilize inorganic pigments in solvent-based industrial and architectural coatings, with a chemical composition consisting of unsaturated polyamine amides and low-molecular-weight acidic polyester salt solutions, provides pigment deflocculation by steric stabilization, particularly ideal for manufacturing organobentonite slurries.

Product Features

- Achieves pigment deflocculation through steric hindrance
- Improve gloss and enhanced color strength
- Improve transparency and hiding ability
- Reduces viscosity, improves leveling, increase the pigment loading

Physical Property

Typical product values

Appearance (25℃)	Light brown liquid
Solid content （%）	50
Density （20℃，g/ml）	0.94
Amine value (mg KOH/g)	19
Acid value (mg KOH/g)	24
Solvent	Xylene/IBA 8/1

Application

- Architectural coating
- Industrial coating
- Protective coating

Use Method

- For optimum performance, this additive must be incorporated into the millbase before addition of the pigments
- Additive dosage as supplied based on pigment:

Inorganic pigment	1-2%
Titanium dioxide	0.5-1.0%
Organic pigments	1-5%
Bentonite	30-50%

- The optimal dosage should be determined through a series of experiments

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Shelf life---36 months

Service Restrictions

- This product has not been tested nor has it been specifically stated that it is suitable for medical or pharmaceutical use. It may not be used for human injection or 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.