Technical Data Sheet

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Enfinol® DSP9800

Version: 1

Performance Overview

- Enfinol® DSP9800 is a special polymeric hyperdispersant, widely used in solvent-based coatings, inks, and pigment concentrates.

Product Features

- Exhibits excellent dispersion properties for carbon black, organic pigments, and inorganic pigments.
- Excellent versatility, with outstanding compatibility with most resin systems.
- Improve the gloss and hiding ability.
- Provides excellent resistance to pigment floating, flocculation and layer separation.
- Low foaming property.

Physical Property

Products Typical Data	
Appearance	Brown viscous liquid
Density (20℃, g/cm^3)	0.95
Non-volatile matter (%)	99
Chroma (Gardner)	≤13

Application

- Solvent-based coatings
- Solvent-based inks
- PVC\PU solvent-based color pastes and pigment concentrates

Use Method

- First dissolve the additive in the grinding base mixture, add the pigment then grind it.
- Recommended addition amount :

  Amount of dispersant (g) = [Specific surface area of the pigment (m^2 /g) ÷ 500] × Weight of the pigment (g)

Types of Pigments	Organic pigment	Medium-low specific surface area carbon black	Inorganic pigments
Dispersant dosage	7－15%	10－30%	0.5－5.0%

The above represents the recommended dosage, and the optimal dosage should be determined through a series of experiments.

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Use the original container to store in a cool, dry environment, avoid direct sunlight
- 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