Technical Data Sheet

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Enfinol® DSP11

Version: 2

Overview

- Enfinol® DSP11 is a wetting and dispersing agent suitable for solvent-based and solvent-free coatings as well as printing inks. Its chemical composition consists of a polyphosphate solution, which significantly reduces the viscosity of grinding slurry and stabilizes inorganic pigments such as titanium dioxide.

Product Features

- Significantly reduces the viscosity of the grinding slurry and improve the fluidity, stabilize inorganic pigment
- Improve the gloss, hiding ability, color strength
- Significantly reduces haze when used for electrostatic rotary bell spraying coating of inorganic pigment coatings,

Physical Property

Typical product values

Density (25°C, g/ml):	1.03
Solid content (%):	52
Flash point（°C）:	42
Dissolvant:	PMA/alkylbenzene 1:1
Acid value（mg KOH/g）:	53

Application

- Solvent coating
- Solvent-free coating
- Printing ink

Use Method

- The product may has stratification or turbidity issue, heat to about 35°C and fully mixed before using
- For optimal performance, the product should be added at the grinding stage
- Recommended dosage (based on pigment)

Inorganic pigment	5-10%
Titanium dioxide	2-4%

- 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.
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