Technical Data Sheet

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Enfinol® DSP4108

Version: 1

Overview

- Enfinol® DSP4108 is a solvent-free wetting and dispersing additive suitable for solvent-based coatings, printing inks, and pigment concentrates. The chemical composition consists of a hydroxyl-functional carboxylate acid ester with pigment-affinic groups

Product Features

- The additive defocculates pigments by steric stabilization
- Can achieve high glossiness and good color strength
- Improve the transparency of transparent pigments and hiding ability of opaque pigments
- Excellent dispersing performance and achieves higher pigment loading content

Physical Property

Typical product values

Appearance (25℃):	Light brown liquid
Density （20℃，g/ml）:	0.94
Amine value (mg KOH/g):	71

Application

- Architectural coatings
- Industrial coatings
- Leather finishes
- Printing Inks

Use Method

- Additive dosage as supplied based on pigment:

Inorganic pigment	3-5%
Titanium dioxide	0.8-1.5%
Organic pigments	5-8%
Carbon blacks	8-10%

- 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.
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