Technical Data Sheet

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Enfinol® DSP509

Version: 2

Performance Overview

- Enfinol® DSP509 is a high-performance hydrophobic-modified polymer ammonium salt dispersant containing carboxyl groups, offering broad dispersion and stabilization capabilities for both organic and inorganic pigments. As a water-based coating dispersant, it can be used either alone or in combination with other dispersants to provide superior long-term water resistance.This product is suitable not only for improving the alkali resistance of primers, but also for the latex paint formulations requiring enhanced water and stain resistance, while improving the rain streaking resistance of topcoat

Product Features

- Wide application, high performance (hydrophobic, anti-stain)
- Excellent viscosity stability
- Organic and inorganic pigments have high versatility, effectively prevent pigment flocculation and improve color development

Physical Property

Product Performance

Appearance（25℃）	Light yellow liquid
Density（20 ℃，g/cm³）	1.10
Solid content（%）	24~26
pH	7.5~9.5
Viscosity（25℃，mPa·s）	＜200

Application

- Water-based ink
- Building latex paint
- Water-based industrial coatings

Use Method

- The recommended dosage should be added based on 0.5-3.0% of the total formula, and the optimal dosage should be determined through a series of experiments

Packaging & Storage

- 20kg、200kg & 1000 kg/Barrel
- Store in a cool, dry place in an original container and avoid direct sunlight
- Shelf life of 12 months from the date of production

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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