Technical Data Sheet

Release Date: Dec, 2025, NO.: REZUX-WET-20251217-01E

Enfinol® WET4511

Version: 5

Overview

- Enfinol® WET4511 is a high efficiency and low-foaming multifunctional wetting agent. Its main component is an innovative modified siloxane surfactant, which provides excellent function for preventing crater issue with minimal impact on film adhesion on substrate.

Product Features

- Very low defoaming tendency
- High wetting efficiency
- Excellent compatibility
- Superior crater resistance with minimal impact on film adhesion
- Universal and widely applicable to various coating systems

Physical Property

Products Typical Data

Appearance (25℃):			Clear, light brown liquid	
Viscosity (25℃, mPa·s):			90	
Refractive Index（n_D^{25}）:			1.4450	
Surface Tension (Neat，25℃，mN/m)			22.20	
Surface Tension (1%aq.，25℃，mN/m)			20.20	
Solubility:	Water：	No soluble	TPGDA：	Soluble
	Ethanol：	Soluble	Acetone：	Soluble
	Butyl acetate：	No soluble	Mineral Spirits：	No soluble

Application

- Widely applied in industrial coatings and various coating formulations

Use Method

- Recommended dosage: 0.1-1.0%, the optimal amount needs to be determined by a series of experiments
- It can be added during grinding or paint mixing stage

Packaging & Storage

- 25kg、200kg & 1000 kg/Barrel
- 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
- Welcome to visit our website, **www.rezux.com**, for more information