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TECHNICAL DATA SHEET

H-57

Polyether silicone oil

CAS:70914-12-4

DESCRIPTION

H-57 is an excellent surface organosilicone adjuvant. It improves the wetting of substrates by reducing the surface tension of coating. It can increase surface smoothness, scratch resistance and anti-adhesion, improve leveling and glossiness, and prevent the Benard Cell. It is suitable for adding in coating which are in solvent-based, solvent-free and water-based systems.

TYPICAL PROPERTIES

Appearance	Colorless to light amber liquid
Viscosity (25°C) mm ² /s	200-400
Density (25°C)g/cm ³	1.01-1.03
Flash point (closed cup)°C	>80

USES AND APPLICATION

Aqueous systems (water-based paint, paint, latex paint, water-based ink, gel ink): The recommended total amount of 0.3 to 1% formula

Oily System: Recommended dosage of 0.05 to 0.5% of the total formulation

Solvent-free systems: Recommended total amount of 0.3 to 1% formula

Add at any stage of the production process, for ease to use, can be diluted with a suitable solvent in advance.

SAFETY

Before handling, read the Material Safety Data Sheet and container label for safe use, physical and health hazard information.

STORAGE AND SHELF LIFE

After sealing packaging products stored in a cool, dry place, H-57 (Unbroken package) has a shelf life of 6 months from date of manufacture. After the expiration date, we can retest it, and if it meets the requirement, we can still use it. H-57 is transported as non-hazardous chemicals.

PACKAGING

H-57 is available in 200 kg/1000 kg plastic drum.

LEGAL DISCLAIMER

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