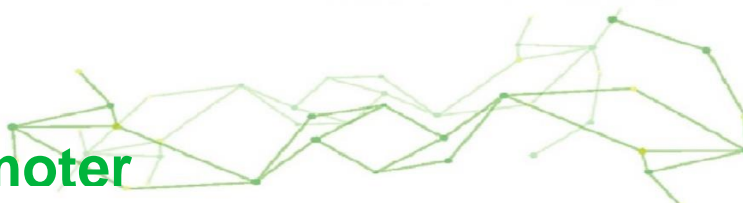




PLH

Adhesion Promoter



Overview

PLH is an adhesion promoter for baked coatings that does not contain polysiloxane compounds. It is primarily suitable for addition to baking primers or one-coat baking finishes, enhancing adhesion to non-ferrous metal surfaces.

Physicochemical Properties

Appearance	Transparent, slightly yellow liquid	Composition	Organic Polymer
Specific Gravity	0.94 g/ml	Active Ingredient	80.0±2 %
Acid Value	60-80 mgKOH/g	Solvent	IPA

Characteristics and Advantage

- Significantly improves adhesion to difficult-to-adhere non-ferrous metal surfaces;
- Enhances the extensibility and impact resistance of the coating film;
- Does not discolor under rapid high-temperature baking and does not affect the weather resistance of the coating film;
- Does not affect the storage stability of the paint.

Dosage

1.5-2.5% of the total volume, can be added before or after grinding. When used directly in primers, the dosage depends on the resin's adhesion properties. Please conduct a preliminary test before use.

Application

Industry: Solvent-based baking coatings

Resins: Alkyd/amino resins, acrylic/amino

Precautions

PLH contains acidic structures, which may cause a matting effect when mixed with certain basic pigments. Please conduct preliminary tests before use.

Storage

Store at 0-40 °C in a cool, well-ventilated area. Keep the container tightly sealed and away from heat and sources of ignition. If stored below 5 °C, the appearance may become frozen, cloudy, or separated. Please heat in a water bath until it reaches a clear state and stir well before use.

Safety

Refer to MSDS

Packaging

25 KG/Barrel