

Used For: Coating, Ink and Paint Additive

Zepoxy LV 848 is a hydroxyl polyether modified polydimethylsiloxane, with high molecular weight, mirror leveling, anti-shrinkage, high smoothness and promotes the top layer's fullness.

PARAMETER VALUE

Appearance: Light yellow transparent liquid

Viscosity 25°C/cps: 2000-8000

Non-volatile content %: ≥95.00

Specific gravity 25°C: 1.03

Diluting agent: Water/alcohol/ester/ benzene

Flashpoint °C: >100

APPLICATIONS

- ✓ High gloss and matt PU wood finish paint: 0.35%, mirror leveling.
- ✓ Wood floor gloss: 0.5-1.0%, mirror leveling, high fullness.
- ✓ UV plastic paint: 0.3-0.5%, leveling, anti-shrinkage, abrasion resistance.
- ✓ UV paper varnish: 1.0%, leveling, enhance smoothness and abrasion resistance, unstable foam.
- ✓ Oil-based plastic paint: 0.3%, leveling, anti-shrinkage, enhance smoothness.
- ✓ Industrial paint and high temperature paint: 0.1-0.5%, leveling, anti-shrinkage.

PROPERTIES

- ✓ Effective %: 100
- ✓ Freezing point°C: +18
- ✓ Chemical structure: Polyether silicon hydroxy polyether
- ✓ Leveling ★★★★★
- ✓ Mirror effect ★★★★★
- ✓ Wetting ★★★
- ✓ Compatibility ★★★★★
- ✓ Anti-shrinkage ★★★★★
- ✓ Smoothness ★★★★★
- ✓ Transparency ★★
- ✓ Foam control ★★
- ✓ Water\Oil\UV Y/Y/Y

STORAGE AND VALIDITY

Unopened stored at temperature of below 38°C; the shelf-life of the product from the date of production for 24 months.

APPLICATION METHOD

Zepoxy LV 848 leveling agent can be added in coatings and paints during or after the manufacturing process; it is suggested to be diluted 3-5times before using, but it should be mixed homogeneously.

NOTE

Zepoxy LV 848 will be cloudy when the temperature is below 18°C (it is caused by its own structure) and needs to be heated to dissolve before using, but it does not affect the performance even after many times of solidification-heating; To facilitate the use, **Zepoxy LV 848** is suggested to be diluted into about 20% solution for backup.

USE RESTRICTIONS

This product is untested or stated to be adaptable to medical or pharmaceutical.

PACKAGING

Zepoxy LV 848 is available as follows

1 KG and 5 KG

HEALTH AND SAFETY

Dispose containers of the materials as per local laws, rules, and regulations. Use gloves, safety masks and other safety apparel as per health and safety laws. For further assistance, please refer to the MSDS of the product for further health and safety information.