



JIANGXI HITO SILICONE MATERIALS CO.,LTD

No 6 Tianhong road,Xinghuo

industry zone,Yongxiu,

Jiujiang,Jiangxi province,China

(86)792-3170318(Tel) (86) 792-3170355 (Fax)

TECHNICAL DATA SHEET

H-850

Polyether modified silicone

CAS:157479-55-5

DESCRIPTION

H-850 polyether modified silicone is Common waterborne, solvent-based and UV coatings. Has a very good compatibility and high slip, especially for varnish, a strong reduction of surface tension of wetting of the substrate can be difficult to achieve effective wetting. Promote the film's flow and leveling. Eliminate cellulite and volcanic hole, effectively prevent shrinkage, improve alignment matte powder coating, reducing uneven gloss smear phenomenon. Improve adhesion and scratch resistance, but has no effect on re-painted. Improve film touch.

For a variety of coating systems, such as solvent-based and water-based coatings, industrial coatings, automotive coatings, printing ink, diluted before use with solvent or water.

Is added at any stage of production, preferably in the letdown stage.

Property

- Commonly used in aqueous, radiation-curable and solvent-based systems
- Good compatibility (turbidity highly unlikely)
- Improve scratch resistance
- Efficient
- Recoating good
- The impact of low adhesion between the layers

TYPICAL PROPERTIES

Appearance	Colorless liquid
Viscosity (25°C)	95-400
Density (25°C)g/cm3	1.01-1.04g/cm3
Refraction coefficient	1.436-1.445

USES AND APPLICATION

Application Examples

Solvent woodware coatings: Recommended dosage of 0.03 to 0.2% of total formulation

Solvent-based and water-based industrial coatings:Recommended dosage of 0.05 to

0.3% of total formulation.

Automotive paint: Recommended dosage of 0.03 to 0.2% of total formulation

UV curing: Recommended dosage of 0.05 to 1% of total formulation

Usage:

Can be original or pre-dilution was added to re-join

Pre-diluted with the recommended solvent simplifies the process of adding and mixing

Recommended pre-diluted with a solvent will facilitate the addition and mixing.

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-850** has a shelf life of 36 months from date of manufacture.

PACKAGING

H-850 is available in 200L drum and 1000L IBC or others.

LEGAL DISCLAIMER

Hito chemical believes that the information in this technical data sheet is an accurate description of the typical uses of the product. Hito Chemical , however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.



is a registered trademark of Hito chemical , China.