

ADD*SiL*™ 8450

Silicone Leveling Agent

INTRODUCTION

ADD*SiL*™ 8450 is a polyether-modified polydimethylsiloxane. It is a highly effective silicone additive, provides a strong reduction of surface tension and reduces the friction coefficient.

BENEFITS

- Excellent substrate wetting.
- Prevented cratering.
- Increased surface slip.

TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Colorless to yellowish clear liquid
Active Ingredient	100%
Flash Point	>100°C
Density _{25°C}	1.00~1.04g/ml
Viscosity _{25°C}	60~90 (T-4 viscometer)
Recommended Levels	0.1~1.0%

EFFECTS

Transparency in clear formulation:	★★★★★
Defoaming effect:	★
Dynamic surface tension:	★★★★
Static surface tension:	★★★★
Slip effect:	★★★★
Reduce orange peel effect:	★

APPLICATION FIELDS

- Solvent-borne coatings.
- UV curing coatings.
- Water-borne coatings.

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APPLICATIONS

ADD*SiL*™ 8450 can improve the resistance of scraping and increase the smooth feeling.

ADD*SiL*™ 8450 can provide good recoating and minimal influence on adhesion of coating films.

ADD*SiL*™ 8450 can provide good anti-shrinkage ability.

RECOMMENDED LEVELS

The recommended dosage is 0.1~1.0% of the total formulations.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

It is added during any stage of the production process including post-addition.

PACKING AND STORAGE

ADD*SiL*™ 8450 is supplied in 25Kg / 200Kg plastic drum or steel drum or according to customer's request.

In the original unopened packaging, ADD*SiL*™ 8450 has a shelf life of 12 months.

Separation or turbidity may occur at temperatures below 5°C. Warm to 20°C and mix well.

NOTES

All information in the leaflet is based on our present knowledge and experience. We reserve the right to make any changes according to technological progress or further developments. Performance of the product described herein should be verified by testing.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.

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