

ADDSiL™ 8325 Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 8325 is a polyether-modified polydimethylsiloxane. It is a highly effective silicone additive, provides a strong reduction of surface tension, therefore it improves the wetting of critical substrates.

Effects

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

PHYSICAL PROPERTIES

Color and Appearance	Light yellow solid
Active Ingredient	100%
Density 25°C	0.86~0.90g/ml (13% Xylene solution)
Viscosity 25°C	5~25s (T-4 viscometer) (13% Xylene solution)
Recommended Levels	0.1~0.5%

BENEFITS

- Strong reduction of surface tension.
- Excellent substrate wetting.
- Prevented cratering.
- Increased surface slip.
- Good defoaming effect.

APPLICATIONS

- Solvent-borne coatings.
- UV curing coatings.

ADDSiL™ 8325 can be used in pigmented systems to prevent the formation of Bénard cells and improve leveling.

ADDSiL™ 8325 is recommended for polyurethane and epoxy systems.

RECOMMENDED DOSAGE

The recommended dosage is 0.1~0.5% (13% Xylene/EPH solution) of the total formulations.

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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.

ADDSiL™ 8325 should be diluted before addition (13% Xylene/EPH solution is recommended).

PACKING

ADDSiL™ 8325 is supplied in 25Kg / 200Kg plastic drum or steel drum or according to customer's request.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data sheets, as well as container labels, for information on safe usage, physical hazards, and health risks. Safety Data Sheet is available on the website, from the distributor, or by contacting SiSiB customer service.

STORAGE

In the original unopened packaging, ADDSiL™ 8325 has a shelf life of 24 months.

NOTE

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.

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