

ADDSiL™ 8410 Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 8410 is a polyether modified polydimethylsiloxane, it can provide strong reduction of surface tension.

Effects

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

PHYSICAL PROPERTIES

Color and Appearance	Transparent to slight yellowish clear liquid
Solvent:	PMA
Active Ingredient	92%
Flash Point	>70°C
Density 25°C	0.96~1.00
Recommended Levels	0.05~1.0%

BENEFITS

- Strong reduction of surface tension.
- Improved substrate wetting.
- Avoid cratering.
- Improved surface smoothness and scratch resistance.
- Improved anti-blocking property in aqueous systems.
- Good compatibility.

APPLICATIONS

ADDSiL™ 8410 is silicone based surface additive for solvent-free and solvent-borne coating systems, printing inks and adhesive system. It can provide strong reduction of surface tension. It provides excellent substrate wetting, excellent anti-caratering, and increases surface slip.

RECOMMENDED DOSAGE

The recommended dosage is 0.05~1.0% of the total formulations.

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

ADDSiL™ 8410 Silicone Leveling Agent

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

PACKING

ADDSiL™ 8410 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™ 8410 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.

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.