

ADDSiL™ 8310 Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 8310 is a polyester-modified polysiloxane surface additive designed for solvent-borne coating systems.

It significantly reduces surface tension of coating formulations, thereby improving substrate wetting and helping prevent surface defects such as craters. The additive also increases surface slip, enhances gloss, and improves scratch resistance while maintaining good recoatability and intercoat adhesion.

FEATURES & BENEFITS

- Significantly reduces surface tension
- Improves substrate wetting and leveling
- Helps prevent cratering
- Increases surface slip and smoothness
- Enhances gloss and scratch resistance
- Maintains good recoatability

PHYSICAL PROPERTIES

Color and Appearance	Light yellow clear liquid
Solvent	Xylene
Active Content	25%
Density 25°C, g/cm ³	0.88-0.92
Viscosity 25°C, TU-4 cup	5~25s

These values are typical and are not intended for use as specifications.

APPLICATIONS

ADDSiL™ 8310 is suitable for solvent-borne coatings and UV-curable coating systems where improved wetting, leveling, surface slip, and gloss are required.

RECOMMENDED DOSAGE

The recommended dosage is 0.1-0.5% of the total formulations.

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

The additive can be incorporated during any stage of the production process, including post-addition.

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PACKING

ADDSiL™ 8310 is supplied in 20Kg plastic drum or 180Kg steel drum.

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™ 8310 has a shelf life of 24 months.

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

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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