

# ADDSiL™ 8900 Defoamer and Deaerator

## INTRODUCTION

ADDSiL™ 8900 is a foam-releasing and antifoaming agent particularly for thick film epoxy floor coatings and other high-build systems. It is an organo-modified polysiloxane, contains hydrophobic fumed silica.

ADDSiL™ 8900 can be used in solvent-free and solvent-borne epoxy floor coatings and high-build coating systems. It is also suitable in silk screen ink.

## PHYSICAL PROPERTIES

Color and Appearance	Translucent ivory liquid
Non-volatile content	>96% (140°C, 2h)
Flash Point	>100°C
Density 25°C	0.97~1.01g/ml
Viscosity 25°C	S-X (Bubble viscometer)
Recommended Levels	0.05~1.0%

## BENEFITS

ADDSiL™ 8900 can prevent foaming caused by mechanical forces during mixing, production and application in high solids solvent-borne and solvent-free systems.

ADDSiL™ 8900 has excellent anti-foaming properties in high viscosity and high-build applications, especially in epoxy flooring coatings.

ADDSiL™ 8900 is a very efficient defoamer.

## APPLICATIONS

- Epoxy floor coatings.
- Unsaturated polyester paint.
- Silk screen ink.
- UV ink.

## 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.

Incorporate ADDSiL™ 8900 before grinding or processing to achieve the optimum effect. When post-addition is necessary, it is recommended to incorporate ADDSiL™ 8900 with sufficient mixing.

Due to its high active content, ADDSiL™ 8900 can be prediluted to a 10%

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suspension with an aromatic solvent. This can allow easier incorporation. Such solutions have only limited storage stability as the hydrophobic silica will tend to settle out.

ADDSiL™ 8900 exhibits thixotropic properties. Its viscosity may increase during storage. This is normal and it is advisable to stir well before use.

### PACKING

ADDSiL™ 8900 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

When stored at temperatures between 10°C and 35°C in the original unopened containers, ADDSiL™ 8900 has a shelf life of 24 months from the date of production.

### 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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