

ADDSiL™ 5023 Silicone Defoamer

INTRODUCTION

ADDSiL™ 5023 is a 100% active silicone antifoam agent designed for solvent-borne and solvent-free coating and ink systems. It provides excellent foam breaking and foam suppression at very low addition levels.

ADDSiL™ 5023 is particularly effective in eliminating microfoam in high-viscosity systems and pigment-containing formulations. Its high defoaming efficiency ensures rapid foam knockdown without significantly affecting formulation compatibility.

FEATURES & BENEFITS

- Rapid foam knockdown and long-lasting defoaming performance
- Highly efficient at very low dosage levels
- Particularly effective in high-viscosity and pigmented systems
- Suitable for solvent-borne, solvent-free, and UV-curable systems
- 100% active, solvent-free composition
- Easy to incorporate at any stage of production

PHYSICAL PROPERTIES

Appearance	Milky white, opaque viscous liquid
Composition	Silica-filled polydimethylsiloxane
Active Content	100%

APPLICATIONS

ADDSiL™ 5023 is recommended for use in two-component epoxy systems, polyurethane systems, UV-curable coatings, solvent-borne screen-printing inks, and other solvent-borne or solvent-free coating and ink applications

USAGE GUIDELINES

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™ 5023 can be added during any stage of the production process. Sufficient stirring is recommended to ensure optimal dispersion and defoaming effectiveness.

PACKING

ADDSiL™ 5023 is available in 25Kg plastic pails.

HANDLING

This document does not contain the product safety information required for safe use. Before handling, please refer to the product and safety data

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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 in the original unopened containers, ADDSiL™ 5023 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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