

# ADDSiL™ 5913 Silicone Defoamer

## INTRODUCTION

ADDSiL™ 5913 is a VOC-free silicone defoamer which is particularly designed for water- and glycol-based pigment concentrates and universal colorants. It prevents foam during grinding with a long-term stability. It is suitable for resin-free abrasives (pigment concentrates).

## BENEFITS

- Excellent defoaming performance during grinding
- Long-term stability in aqueous and glycol dispersions
- Effective in both defoaming and foam suppression
- Minimal impact on film properties in water-based systems
- High shear stability

## PHYSICAL PROPERTIES

Color and Appearance	Colorless to yellow liquid
Ingredient	Modified polydimethylsiloxane
Active Content	> 96%
Specific gravity (20°C) g/cm <sup>3</sup>	0.98-1.00

*These values are typical and not intended for specification purposes.*

## APPLICATIONS

ADDSiL™ 5913 is particularly suitable for aqueous and glycol-based pigment concentrates, especially in resin-free grinding systems. It is widely used in universal colorants, water-based coatings, and water-based inks, where it provides effective foam suppression during dispersion and processing without affecting film properties.

## RECOMMENDED DOSAGE

Use ADDSiL™ 5913 at 0.1-0.5% (as supplied) based on total formulation.

ADDSiL™ 5913 should be added prior to processing. In case of post-addition, ensure thorough dispersion to achieve uniform performance.

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

## PACKING

ADDSiL™ 5913 is supplied in 25Kg Pail.

## 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 between 10°C and 35°C in the original unopened containers, ADDSiL™ 5913 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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