

ADDSiL™ 5039 Silicone Defoamer

INTRODUCTION

ADDSiL™ 5039 is a highly efficient silicone-based defoamer based on modified polydimethylsiloxane. It is designed primarily for foam control in waterborne coatings, printing inks and pigment concentrates.

ADDSiL™ 5039 provides effective defoaming at low addition levels and is particularly suitable for incorporation during the grinding or dispersing stage. It may also be evaluated in selected medium- to high-polarity solvent-borne coating systems.

FEATURES & BENEFITS

- High defoaming efficiency
- Effective at low dosage
- Good foam control during grinding
- Suitable for aqueous pigment concentrates

PHYSICAL PROPERTIES

Color	Milk-white
Appearance	Cloudy liquid
Active Content	100%
Viscosity (25 °C) mPa·s	500-3000

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

APPLICATIONS

ADDSiL™ 5039 is recommended for use in waterborne coatings and aqueous pigment concentrates where effective foam control is required during grinding and processing.

It may also be evaluated in selected medium- to high-polarity solvent-borne coating systems.

RECOMMENDED DOSAGE

The recommended addition level is 0.1-1.0% as supplied, based on the total formulation.

For best results, ADDSiL™ 5039 should preferably be added during the grinding stage to ensure effective distribution throughout the formulation.

The optimum dosage depends on the formulation and processing conditions. Preliminary laboratory trials are recommended to determine the most

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suitable addition level.

PACKING

ADDSiL™ 5039 is available in 25kg 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 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 in its original unopened packaging in a dry place at room temperature, ADDSiL™ 5039 has a shelf life of 12 months from the date of manufacture.

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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