

ADDSiL™ 1205 Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 1205 is a polyether-modified silicone surface additive designed for solvent-borne and radiation-curable coating systems.

It is a highly effective silicone additive that provides a strong reduction of surface tension, thereby significantly improving the wetting of critical substrates. In pigmented systems, it helps prevent the formation of Bénard cells and enhances leveling performance.

ADDSiL™ 1205 offers excellent compatibility and maintains good recoatability.

EFFECTS

Leveling:	★★★★★
Wetting:	★★★★
Recoat Ability:	★★★★★
Compatibility:	★★★★★
Surface Slip:	★★★★★
Low Foaming Tendency:	★★
Anti-Cratering:	★★★★
Anti-Blocking:	★★★

Ratings are based on internal laboratory evaluation.

PHYSICAL PROPERTIES

Color and Appearance	Colorless transparent liquid
Solvent	Solvent naphtha
Content	15%

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

APPLICATIONS

ADDSiL™ 1205 is suitable for all solvent-borne and UV-curable coating systems.

RECOMMENDED DOSAGE

ADDSiL™ 1205 can be incorporated at any stage of production, including post-addition, provided homogeneous distribution is ensured.

The recommended dosage is 0.1-1.0% based on total formulation weight.

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Optimal addition levels should be determined through laboratory testing.

PACKING

ADDSiL™ 1205 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 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™ 1205 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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