ADDSiL™ 1653 Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 1653 is a modified polysiloxane developed for use in solvent-based coatings and ink formulations. ADDSiL™ 1653 effectively reduces the surface friction coefficient, resulting in a smoother finish and a soft-touch feel while minimizing the risk of marring or surface abrasion. Its excellent anti-blocking properties help prevent adhesion between coated layers during stacking or handling, thereby maintaining surface integrity.

Furthermore, ADDSiL™ 1653 contributes to the reduction of surface defects such as craters, pinholes, and microfoam, ultimately improving flow and leveling behavior.

EFFECTS

Leveling:	★★★★★
Wetting:	★★★★
Recoat Ability:	★★★★★
Compatibility:	★★★
Slip effect:	★★★★★
Low Foaming Stability:	★★★★
Anti-crater:	★★★★
Anti-adhesive:	★★★

PHYSICAL PROPERTIES

Appearance	Viscous transparent liquid
Color	Light yellow
Active Content	100%

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

APPLICATIONS

- Solvent-borne coatings
- UV coatings

RECOMMENDED DOSAGE

The recommended dosage is 0.1 - 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.

PACKING

ADDSiL™ 1653 is supplied in 25Kg plastic pail.

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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™ 1653 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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