

## ADDSiL™ 1251 Radiation-Curable Silicone Flow & Slip Additive

### INTRODUCTION

ADDSiL™ 1251 is a radiation-curable, organo-modified silicone additive designed to improve flow, surface slip, recoatability, and anti-cratering in UV/EB curing systems and solvent-based coatings. It combines excellent compatibility, anti-shrinkage hole performance, and transparency in clear varnishes.

### EFFECTS

- Radiation-curable reactive structure
- Enhances leveling and reduces surface defects
- Provides smooth, silky touch and anti-blocking
- Compatible with pigmented and clear systems
- Excellent transparency and anti-cratering in varnishes

### PHYSICAL PROPERTIES

Appearance	Yellow liquid
Active Ingredient Content (%)	100
Refractive Index (25°C)	1.415-1.425
Viscosity (25°C, cP)	60-100

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

### APPLICATIONS

ADDSiL™ 1251 is recommended for radiation-curable and solvent-based systems including:

- UV/EB curable coatings and overprint varnishes
- Plastic coatings and wood finishes
- Printing inks and can coatings

### RECOMMENDED DOSAGE

ADDSiL™ 1251 can be added as supplied or pre-diluted into the coating formulation. Addition is possible at any stage, including during grinding or let-down. Typical dosage levels (based on total formulation weight):

- 0.05-0.4% for wood coatings
- 0.1-1.0% for printing inks and varnishes
- 0.05-0.6% for plastic coatings
- 0.05-0.3% for can coatings

Optimal dosage should be determined through laboratory tests.

## ADDSiL™ 1251 Radiation-Curable Silicone Flow & Slip Additive

### PACKING

ADDSiL™ 1251 is available in 25Kg pail and 200Kg drum.

### 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 the original unopened container at temperatures between +5 °C and +40 °C, ADDSiL™ 1251 has a shelf life of at least 12 months from the date of production. The product should be kept tightly sealed and protected from moisture, frost, and direct sunlight.

### 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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability.

We disclaim liability for any incidental or consequential damages.