

ADDSiL™ 6055 Silicone Leveling Agent

INTRODUCTION

ADDSiL™ 6055 is an acrylate-functional, polyether-modified polysiloxane developed for use in UV-curable coating systems. It offers excellent compatibility, enhances leveling, improves substrate wetting, and imparts a smooth, surface feel.

ADDSiL™ 6055 can be crosslinked into radiation-curable coatings, providing long-lasting slip, anti-blocking, anti-graffiti, and easy-to-clean properties without migration. It is also suitable for solvent-borne and waterborne coatings.

EFFECTS

Leveling	★★★★
Wetting	★★★★
Recoat Ability	★
Compatibility	★★★★
Slip effect	★★★★★
Low Foaming Stability	★★
Anti-cratering	★★★★
Anti-blocking	★★★★

PHYSICAL PROPERTIES

Appearance	Light yellow clear liquid
Active Ingredient	50%
Solvent	Tripropylene glycol diacrylate

APPLICATIONS

ADDSiL™ 6055 is recommended for use in radiation-curable (UV/EB) coating systems, including wood coatings, furniture coatings, industrial coatings, and high-gloss overprint varnishes. It is particularly effective in improving surface appearance, enhancing slip, and providing long-term easy-to-clean functionality.

RECOMMENDED DOSAGE

The recommended dosage is 0.1% ~ 1.0% of the total formulations. The above recommended levels can be used for orientation. The optimal dosage should be determined through laboratory evaluation.

ADDSiL™ 6055 can be incorporated at any stage of the production process, including post-addition.

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PACKING

ADDSiL™ 6055 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 at temperatures between 10°C and 35°C in the original unopened containers, ADDSiL™ 6055 has a shelf life of 12 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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