

ADDSiL™ 7017 Anti-Graffiti & Easy-to-Clean Additive

INTRODUCTION

ADDSiL™ 7017 is a hydroxy-functional silicone-modified polyacrylate developed for solvent-borne coating systems.

Due to its high surface activity, the additive migrates to the coating surface during film formation and can be chemically incorporated into the polymer network through reaction of its hydroxyl groups with suitable crosslinking binders. This permanent anchoring provides durable easy-clean and anti-graffiti performance. It also improves hydrophobicity, oleophobicity, surface slip and stain resistance, while maintaining good compatibility with clear coating systems. It is particularly suitable for solvent-borne topcoats requiring long-lasting surface protection.

BENEFITS

- Permanent easy-clean performance after crosslinking
- Improves hydrophobicity and oleophobicity
- Enhances surface slip
- Improves stain and marker resistance
- Improves anti-graffiti performance
- Good compatibility with clear coating systems
- Lotus-effect surface

PHYSICAL PROPERTIES

Appearance	Light yellow clear liquid
Active Content (%)	25
Density (25°C)	0.95
Solvent	Butyl acetate / PMA

These values are typical data and not intended for specification purposes.

APPLICATIONS

ADDSiL™ 7017 is a hydroxy-functional silicone-modified polyacrylate developed for solvent-borne coating systems. It is particularly suitable for crosslinked topcoat formulations, such as two-component polyurethane, alkyd/melamine, polyester/melamine, acrylic/melamine and acrylic/epoxy systems.

During film formation, the additive migrates to the coating surface and becomes permanently anchored into the polymer network through reaction of its hydroxyl groups with suitable crosslinking binders. This provides

ADDSiL™ 7017 Anti-Graffiti & Easy-to-Clean Additive

durable easy-clean, anti-graffiti and stain-resistant performance while improving hydrophobicity, oleophobicity and surface slip.

USAGE GUIDELINES

Recommended dosage: 3-6 % as supplied, based on the total formulation.

The additive should be added toward the end of the production process and incorporated under sufficient shear to ensure uniform distribution.

For optimum durability, ADDSiL™ 7017 should be used in crosslinked coating systems where the hydroxyl functionality can react with suitable binder components.

PACKING

ADDSiL™ 7017 is supplied in net weight 25 kg pail or 180Kg steel 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

Store in tightly closed original containers in a cool, dry and well-ventilated place.

ADDSiL™ 7017 has a shelf life of 24 months from the date of manufacture. Containers should be tightly closed immediately after use.

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.