

ADDSiL™ 5002 Anti-Graffiti & Easy-to-Clean Additive

INTRODUCTION

ADDSiL™ 5002 is a hydroxyl-functional polydimethylsiloxane solution designed for anti-graffiti and easy-clean applications in coating systems.

The hydroxyl groups enable chemical incorporation into crosslinked binder networks, resulting in reduced migration and durable surface modification compared to non-reactive silicone additives.

FEATURES & BENEFITS

- Improves resistance to permanent marker staining
- Enhances wipe-clean performance
- Reduces ink penetration into the coating film
- Lowers tape tearing and adhesive pick-up tendency
- Increases surface slip and smoothness
- Improves scratch and mar resistance
- Raises water contact angle (typically >95° achievable)
- Provides durable hydrophobic/oleophobic surface effect
- Hydroxyl functionality enables reactive incorporation
- Reduced migration versus non-reactive silicones

PHYSICAL PROPERTIES

Appearance	Clear to yellowish liquid
Active substance	25%
Solvent	DPM *
Viscosity (25°C) TU-4	5-50s
Density (25°C)	0.96-1.00
Flash point	>70°C

*DPM: Dipropylene Glycol Monomethyl Ether

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

APPLICATIONS

ADDSiL™ 5002 is suitable for waterborne and solventborne coating systems, including:

- Architectural coatings
- Industrial protective coatings
- Clear coats

USAGE GUIDELINES

ADDSiL™ 5002 may be added during the post-addition stage. Pre-dilution

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with a solvent compatible with the coating system is recommended to ensure uniform distribution.

Typical dosage is 1.0-5.0% based on total formulation. The optimal level depends on formulation, substrate, and required anti-graffiti performance.

PACKING

ADDSiL™ 5002 is supplied in net weight 180Kg drum or 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 ambient temperature in the original unopened packings, ADDSiL™ 5002 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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