

ADDSiL™ 1370 Anti-Graffiti & Easy-to-Clean Additive

INTRODUCTION

ADDSiL™ 1370 is a hydroxyl-functional silicone-modified polyacrylate solution designed to improve anti-graffiti and easy-clean performance in solventborne coating systems.

The hydroxyl functionality enables reactive incorporation into crosslinked binder networks. After curing, the additive is chemically fixed within the coating film, resulting in durable easy-clean performance and reduced migration compared with non-reactive silicone additives.

BENEFITS

- Improves resistance to marker staining
- Enhances wipe-clean performance
- Increases surface hydrophobicity and oleophobicity
- Reduces dirt pick-up
- Improves substrate wetting
- Improves leveling performance
- Increases surface slip
- Improves tape release properties
- Improves anti-blocking performance
- Hydroxyl functionality enables reactive fixation in crosslinked systems
- Provides durable easy-clean performance after curing

PHYSICAL PROPERTIES

| | |
|--------------------|---------------------------|
| Appearance | Light Yellow Clear Liquid |
| Active Content (%) | 25 |
| Solvent | DPMA |

* DPMA = Dipropylene Glycol Monomethyl Ether Acetate

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

APPLICATIONS

ADDSiL™ 1370 is suitable for solvent-borne coating systems such as 2K polyurethane, alkyd/melamine, polyester/melamine, acrylic/melamine, and acrylic-epoxy hybrid systems. It is particularly recommended for clear coats and top coats where improved anti-graffiti performance, easy-clean properties, and surface modification are required.

USAGE GUIDELINES

ADDSiL™ 1370 is recommended to be added during the final stage of production. Adequate shear mixing is required to ensure uniform distribution.

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Recommended dosage is 1.0-6.0% (as supplied) based on total formulation. The optimal level should be determined through formulation trials depending on system type and performance requirements.

PACKING

ADDSiL™ 1370 is supplied in net weight 25 kg 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 packing, ADDSiL™ 1370 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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