

ADDSiL™ 5000N ANTI-GRAFFITI & EASY-CLEAN

INTRODUCTION

ADDSiL™ 5000N is a polydimethylsiloxane with hydroxy group; it is used to enhance easy-to-clean effect in coatings.

PHYSICAL PROPERTIES

Color and Appearance	Transparent to slight yellowish clear liquid
Active Ingredient	100%
Flash Point	>100°C
Density 25°C	0.95-0.99 g/ml
Viscosity 25°C	10-30s (T-4 viscometer)
Recommended Levels	0.5-3.0%
Hydroxyl value (mg KOH/g)	45-60
Acid value (mg KOH/g)	Max.0.5

BENEFITS

- Marker resistance
- Anti-graffiti effect
- Highly compatible
- Excellent hydrophobicity and oleophobic properties
- Additional release effect

APPLICATIONS

ADDSiL™ 5000N can be used for two pack coatings based on acrylic / isocyanate and polyester / isocyanate.

When used in two-pack system (low temperature baking), we suggest use acrylic resin with high hydroxyl value and prolong bake time to improve anti-graffiti property.

Compatibility with the binder should be checked before application.

Addition to the grind is recommended in pigmented formulations.

Strong agitation (dissolver) required in clear formulations incorporate.

RECOMMENDED DOSAGE

The recommended dosage is 0.5-3.0% of the total formulations, 0.5-3.0% in Solvent system.

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The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

The additive would mix more easily by diluted with Xylene before incorporation, including post-addition. It can be diluted by esters, ketones and glycol ethers.

PACKING

ADDSiL™ 5000N is supplied in 25Kg / 180Kg plastic /steel drum or according to customer's request. Transportation as non-dangerous goods.

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

Separation or turbidity may occur at temperatures below 5 °C. Warm to 20 °C and mix well. In the original unopened packaging, ADDSiL™ 5000N has a shelf life of 24 months.

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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