

AmorZane™ 5510 Polysilazane

INTRODUCTION

AmorZane™ 5510 is a liquid low-viscous, solvent-free polysilazane resin to be used as high-temperature resistant, scratch-resistant, and hydrophobic coatings.

FEATURES

- Outstanding weather resistance with high UV and chemical resistance
- Excellent adhesion and hydrophobicity
- Balanced heat resistance, hardness, and hydrophobic performance

PHYSICAL PROPERTIES

Color and Appearance	Colorless or yellowish clear liquid
Viscosity (25°C, cSt)	30-50
Active content (%)	100

PERFORMANCE

Pencil Hardness	6H, DIN EN ISO 15184
Adhesion Rating	5B, ASTM D5539
Contact angle water	107°
Temperature stability	Up to 500°C

* Dry film thickness: 4 µm

* Tested on 304 stainless steel surfaces after 4 days at room temperature.

APPLICATIONS

- Scratch resistant coatings as used in automotive interior or exterior applications
- Hydrophobic, repellent coatings as employed in architecture, consumer goods or transportation
- Applicable on Metal, Glas and Plastic substrates

PROCESSING

Painting can be applied by wiping, dipping, spraying, brushing, rolling.

CURING

Dry-to-touch after 2-4 hours at room temperature, completely cured in 3-7 day; alternatively, 1 minute at 240°C.

PACKING

AmorZane™ 5510 is available in 1Kg aluminum bottles, 5Kg aluminum bottles and 200Kg PE-Inliner steel drum.

STORAGE

- AmorZane™ 5510 has a shelf life of 1 year when stored in a dry, light-

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protected environment at 5-25°C.

- Opened containers should be tightly closed after use to prevent contaminants and water vapor from entering the product.
- Containers must be stored in a cool, dry and well-ventilated place.
- Use with adequate ventilation only

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.

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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