

AmorZane™ 5330 Polysilazane

INTRODUCTION

AmorZane™5330 is a liquid low-viscous, solvent free polysilazane resin to be employed as coating binder.

FEATURES

- Good adhesion and hydrophobicity
- Excellent weathering, UV, and chemical resistance
- Thermally curable only
- Reacts readily with functional groups (isocyanates, alcohols, ketones, epoxies, amines, phenolics), making it suitable as a base for hybrid coating systems

PHYSICAL PROPERTIES

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

PERFORMANCE

Ceramic yield (%)	60-65
Pencil Hardness	6H, DIN EN ISO 15184
Adhesion Rating	5B, ASTM D5539
Temperature stability	Up to 500°C

* Dry film thickness: 4 µm

* Tested on 304 stainless steel surfaces after baking at 130°C for 4 hours.

APPLICATIONS

AmorZane™ 5330 is used in scratch-resistant coatings for automotive interiors and exteriors, in hydrophobic repellent coatings for architecture, consumer goods, and transportation, and is applicable on metal, glass, and plastic substrates.

PROCESSING

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

CURING

130-150°C for 4 hours.

PACKING

AmorZane™ 5330 is available in 1Kg aluminum bottle, 5Kg aluminum bottle and 200Kg PE-Inline steel drum.

STORAGE

AmorZane™ 5330 remains stable for up to one year when stored in its

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unopened container in a cool (5-25 °C), dry, and light-protected environment. Once opened, reseal the container tightly to keep out moisture and contaminants, and always store it in a well-ventilated, cool, dry area. Use only with adequate ventilation.

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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