

## SiSiB® CS1021 Silicone Resin

### INTRODUCTION

SiSiB® CS1021 is a silicone polymer developed for solvent-based coating systems, particularly automotive coatings. The product exhibits good reactivity and enables the formation of hard, durable coatings with excellent abrasion resistance, heat resistance, and weatherability.

The cured coating film features high gloss, high transparency, good electrical insulation, moisture resistance, flame retardancy, and corrosion protection. SiSiB® CS1021 is easy to apply and can cure at room temperature.

### FEATURES & BENEFITS

- Excellent adhesion and bonding to substrates
- Enhances coating hardness and abrasion resistance
- High gloss and high transparency
- Easy to apply; can be used directly or after simple dilution
- Alkylphenol-free formulation

### PHYSICAL PROPERTIES

Color	Colorless to light yellow
Appearance	Transparent liquid
Active content (%)	100
Viscosity (mPa.s)	Max.200
pH Value	5-7

*These values are typical and are not intended for use as specifications.*

### APPLICATIONS

SiSiB® CS1021 is suitable for hard protective and heat-resistant coating systems. The product cures at room temperature and provides high hardness, high gloss, and non-tackiness at elevated temperatures, without smoke generation during heating.

Typical applications include protective and decorative coatings for automotive, motorcycle, and aircraft components such as exhaust systems, mufflers, and engine parts. It is also suitable for coatings used in household appliances including ovens, stoves, and grills, as well as heat-resistant anti-corrosion topcoats and flame-retardant coating systems.

### USAGE GUIDELINES

Coatings formulated with SiSiB® CS1021 can be applied by dipping, roller

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coating, spin coating, or flow coating, forming smooth, uniform, and high-gloss films. The optimal dosage should be determined through formulation evaluation.

### PACKING

SiSiB® CS1021 is supplied in 50Kg and 120Kg drum.

### STORAGE

In the original unopened packaging, SiSiB® CS1021 has a shelf life of 6 months in a dry and cool place.

### 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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