

SiSiB® CS1009

Anti-Fogging Agent

INTRODUCTION

SiSiB® CS1009 is a modified silicone resin used as an anti-fogging agent. When applied to glass surfaces, it forms an ultra-hydrophilic nano-film that transforms fog vapor into a low-freezing-point mixture, effectively preventing fogging for over 15 days.

TYPICAL PHYSICAL PROPERTIES

Appearance	Colorless or yellowish transparent liquid
Ionicity	Non-ionic
Active solid content	100%
pH Value	5.0 -7.0
Viscosity 25°C	< 200 cSt
Water Solubility	Easily dispersible in water

BENEFITS

- Durable Anti-Fog Effect:** Provides long-lasting fog prevention.
- High Transparency:** No rainbow effect, ensuring clear visibility.
- Dust-Resistant:** Glass surfaces stay clean with reduced dust accumulation.
- Easy Application:** Simple dilution for use, with excellent aqueous solution stability.
- Safe & Eco-Friendly:** Non-toxic, harmless, and environmentally friendly.
- Solvent & Alkyl Phenol-Free:** Ensuring safe and stable performance.

APPLICATIONS

SiSiB® CS1009 is suitable for anti-fog treatment on building windows, door glass, vehicle windshields, eye lenses, resin films, protective mirrors, and plastic films. Due to its high concentration, direct use is not recommended; it should be adjusted based on specific performance requirements.

With a concentration of 1%, SiSiB® CS1002 provides an effective anti-fogging effect lasting over 15 days.

Recommended Formulation:

SiSiB® CS1009	1%
Water/Ethanol or isopropyl alcohol	99%

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It is recommended to test the performance before use to ensure optimal effectiveness and compatibility.

PACKING AND STORAGE

In the unopened original container SiSiB[®] CS1009 has a shelf life of one year in a dry and cool place.

NOTES

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.

We specifically disclaim any other express or implied warranty of fitness for a particular purpose or merchantability. We disclaim liability for any incidental or consequential damages.

Please send all technical questions concerning quality and product safety to: support@SiSiB.com.