

# SiSiB<sup>®</sup> CE0203

## Silicone Release Agent Emulsion

### INTRODUCTION

SiSiB<sup>®</sup> CE0203 is a modified alkyl aryl polysiloxane silicone emulsion designed for various release agent applications. It offers lubrication, anti-adhesion, hydrophobicity, and anti-fouling properties, along with excellent repainting ability and strong decorative performance after coating. With good compatibility with organic polymers, it is particularly suitable for aluminum and aluminum alloy molding, casting, and extrusion.

### FEATURES AND BENEFITS

- **Highly Efficient Mold Release Performance:** Ensures smooth and easy demolding.
- **Cost-Effective:** Reduces mold or casting replacements, lowering maintenance costs.
- **Superior Cleaning & Release Effect:** Works effectively for plastic and rubber products.
- **Ideal for Coated Parts:** Excellent release agent for parts with coatings, colors, or adhesives.
- **Stable Emulsion:** Suitable for dilution and shear stabilization.
- **Non-Ionic & Highly Compatible:** Ensures broad formulation compatibility.
- **Easy to Use:** Requires only simple dilution with water before application.
- **Eco-Friendly:** Free from alkyl phenols such as APEO.

### TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Milk white liquid
Ionicity	Nonionic
Solid content (%)	49-56
Diluent	Water
Viscosity (25°C, mPa•s)	Max.5000
Refractive index (25°C)	1.4470-1.4870
Specific gravity (25°C)	0.90-0.92

### APPLICATIONS

SiSiB<sup>®</sup> CE0203 features a unique structure that allows for easy combination with other stripping auxiliaries, making it highly versatile across various applications. It is particularly suitable for mold releasing of post-processing objects.

The dosage depends on the formulation type and desired properties, and it can be

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applied by wiping, brushing, or spraying in diluted form.

The recommended initial dilution ratio is 1:100 (emulsion to water), which can be adjusted based on requirements and equipment conditions. For optimal results, it is advised to clean the mold before post-processing and handling.

### PACKING AND STORAGE

In the original unopened packaging, SiSiB<sup>®</sup> CE0203 has a shelf life of 12 months 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.

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Please send all technical questions concerning quality and product safety to: [support@SiSiB.com](mailto:support@SiSiB.com).