

# SiSiB<sup>®</sup> CE7510

## Slip and Mar Resistance Additive

### CHEMICAL NAME

Ultra-high molecular weight Polydimethyldioxane Dispersion in past form

### INTRODUCTION

SiSiB<sup>®</sup> CE7510 is water-dispersible, ultra-high molecular weight polydimethylsiloxane dispersion.

SiSiB<sup>®</sup> CE7510 additive reduces the coefficient of friction, provides anti-blocking properties, and improves mar resistance. It enhances slip and mar resistance in water-borne or solvent-borne systems containing polar solvents.

SiSiB<sup>®</sup> CE7510 also improves water resistance in water-borne systems, while imparting leveling, wetting, and gloss properties.

### SPECIAL FEATURES AND BENEFITS

- Excellent slip performance;
- Suitable for a variety of aqueous and polar solvent systems;
- Provide scratch resistance and abrasion resistance of water based emulsion system;
- Suitable for alcohol-containing or polar solvent system;
- Good compatibility with various resin systems.

### TYPICAL PHYSICAL PROPERTIES

Color and Appearance	Milk white paste
Viscosity (25°C, mPa.s)	Max.700,000
Ionicity	Nonionic
Solid Content (%)	85-90%

### APPLICATIONS

SiSiB<sup>®</sup> CE7510 is compatible with acrylic, alkyd, epoxy, nitrocellulose, polyester, polyurethane, and vinyl system resins. It can be used in water-based gravure ink, relief ink, water-based varnish, water-based industrial paint, interior wall latex paint, wood floor paint, and other paint and ink systems.

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## *Slip and Mar Resistance Additive*

The dosage depends on the formula type, solvent, resin system, and total solid content, or based on the required performance. It can be added during grind, let down or be post-added. The recommended dosage is 0.05-3% of the total formula weight.

It can be added directly or after dilution, but it must be stirred thoroughly before use. Thorough preproduction testing is necessary to ensure expected performance.

### PACKING AND STORAGE

SiSiB<sup>®</sup> CE7510 is supplied in 120KG or 200Kg plastic drum.

In the original unopened packaging, SiSiB<sup>®</sup> CE7510 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).