

# SiSiB® PC11260 Silicone Resin

## INCI NAME

Dimethicone (and) Trimethylsiloxysilicate

## INTRODUCTION

SiSiB® PC11260 is a crosslinked methyl silicone resin and its formed film with high hardness has good gas permeability and good heat, abrasion and aging resistance. The film is also waterproof and breathable.

## ADVANTAGES

- Crosslinked methyl silicone resin
- Good heat, abrasion and aging resistance
- Form a film with high hardness
- Durable glossiness and smoothness
- Retain the color and gloss

## PHYSICAL PROPERTIES

Appearance	Colorless to yellowish clear liquid
Refractive Index (25°C)	1.401~1.409
Viscosity (mPa.s, 25°C)	300~800

### Solubility:

Xylene	Soluble
n-Butanol	Soluble
Isobutanol	Soluble
Cyclohexanone	Soluble
Ethylene glycol	Insoluble
2-Butoxyethanol	Soluble
Isopropanol	Soluble
Mineral spirits	Soluble
Methyl isobutyl ketone	Partially-soluble

## BENEFITS & APPLICATIONS

SiSiB®PC11260 can be used as heat resistance coatings and waterproof coatings.

□ How to use:

SiSiB®PC11260 can cure to form a film in 0.5 hour at 120°C-150°C . The application of catalyst can reduce the curing temperature to below 110°C and shorten the time of curing, but the appearance of film could turn to yellowish. It can also cure completely in 5 hours at room temperature.

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### RECOMMEND DOSAGE

The recommended usage level of this product is 0.2-0.5% calculated and based on total formulation. It is strongly recommended carry out preliminary tests to determine the optimum quantity for particular application.

### PACKING

SiSiB® PC11260 is available in 50Kg plastic drum, or 200Kg steel drum.

### 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.

### STORAGE

When stored at temperatures between 10°C and 35°C in the original unopened containers, SiSiB® PC11260 has a shelf life of 12 months from the date of production.

### LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### 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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