

## POWSIL™-99888 Silicone Softener

### INTRODUCTION

POWSIL™-99888 is an economic silicone softener designed to deliver softness, bulky and silky hand feeling to diverse fabrics. It provides hydrophilicity to most types of textile fabrics. It is highly compatible with resin or binder.

### FEATURES & BENEFITS

- Non-greasy, bulky and silky softness
- Good hydrophilicity
- Low yellowing property
- Stable in ordinary textile finish process
- Deep fiber penetration for internal softness
- Excellent fiber elasticity and shape recovery
- Universal fiber compatibility
- Wash resistant features
- Durable softness to laundering
- High natural fiber exhaustivity
- Re-dyeable and over-dyeable

### PHYSICAL PROPERTIES

Appearance	Yellowish clear liquid
Solid content (%)	40.0~40.3
D4	Max. 1000 ppm
D5	Max. 1000 ppm
D6	Max. 1000 ppm
Viscosity (25°C, cSt)	Max. 500
PH (25°C)	4.0~6.0
Diluents	Water
Ionicity	Nonionic to weak cationic

### APPLICATIONS

Stir POWSIL™-99888 evenly in the drum before use.

POWSIL™-99888 can be used as received or pre-diluted with water before applying. The Optimum usages are dependent on the required softness of the fabric and yarn after dyeing and rinsing.

### APPLICATION GUIDE

The recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

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### □ Padding Process

Dosage:	10~30g/l for light fabric
	20-40g/l for heavy fabric
pH:	5.0 ~ 7.0
Temp.:	Ambient temperature
Dry/Cure	120 ~ 170°C for 1~3 min

### □ Exhaustion Process

Dosage:	1.0~4.0% on the weight of fabric
Liquor ratio:	1/10 ~ 1/20
pH:	5.0 ~ 7.0
Temperature:	Ambient temperature
Time:	20-30 min
Drying:	100 ~ 130°C for 3~5 min

### □ Garment Washing

Dosage:	1.0-4.0% on the weight of garment
Temp.:	Ambient temperature
Time:	20 ~ 30 min
Drying:	100-130°C for 3-5 min

### □ Stripping

POWSIL™-99888 can be stripped off fabric. The stripping formulation is as follows:

NaOH:	5g/L
LABS (30%):	2-5%

Add water and NaOH onto fabric tank and then heat to 100 °C for 60 min. Then rinse fabric with acidic water and water.

### PACKING

POWSIL™-99888 is available in 120Kg drum or 1000Kg IBC tote.

### STORAGE

In the unopened original container POWSIL™-99888 has a shelf life of 12 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

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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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