

# POWSIL™-59491

*Silicone Softener*

## INTRODUCTION

POWSIL-59491 is a methyl silicone fluid emulsion for textiles. It provides an excellent fuzzing effect and imparts a full handle to fabric. It enhances surface luster for good polishing performance and can also be used as a release agent.

## BENEFITS

- High silicone content, low dosage, with excellent performance.
- High stability, can be diluted to the desired concentration.
- Imparts an outstanding fuzzing effect, reduces fuzzing times, and improves fuzzing efficiency.
- Provides a bulky handle with short, dense, and uniform raised fluff.
- Excellent polishing performance, enhancing the surface luster of treated substrates.
- Features lubrication and non-erosion properties. Can be used as a release agent and anti-blocking agent.
- Resists temperatures up to 50°C and exhibits good anti-shearing properties.

## TYPICAL PHYSICAL PROPERTIES

Physical Form	Liquid
Appearance	White emulsion
pH value(1% aqueous solution)	6.5-8.5
Solid Content (%)	58.0-61.0
Ionic Character	Nonionic/weak cationic
Solubility	Soluble in water

## APPLICATION

POWSIL-59491 is suitable for short-dense fuzzing of fabrics such as polyester knitted fabric and T/C, providing medium softening without yellowing. It can also be used as a releasing agent for plastic and rubber, a polishing agent for leather and furniture, and an anti-blocking agent for rubber.

### **Fuzzing for polyester knitted fabric, polar fleece:**

Padding: 3-5g/L;

Exhaustion: 0.3-0.5% (o.w.f)

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**Release agent for plastic and rubber:** Dilute POWSIL-59491 to 10-50% and apply to molds via spraying, painting, or soaking methods.

**Anti-blocking agent for latex gloves:** Add 2-3g/L of POWSIL-59491 to the coagulation bath to break the film and prevent blocking, providing a smooth finish.

**Release agent for tire and sole:** Use POWSIL-59491 as a release agent for outer tires and soles by painting or spraying the diluted solution directly onto the mold.

**Polishing agent for leather and furniture:** Apply to the surface of leather or furniture, then polish to achieve a bright, smooth finish.

### PACKING AND STORAGE

Keep the container tightly sealed and store at room temperature. Avoid prolonged exposure to extreme heat or cold, as this may cause the product to separate. If separation occurs, stir to achieve homogeneity. If frozen, thaw at warm temperatures and stir after thawing.

POWSIL-59491 is packaged in 120 kg plastic drums. In its unopened original packaging, the shelf life is 6 months when stored at room temperature.

### 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).