



# MapleSolutions

3019 Lake Road, Dollard Des Ormeaux, QC, H9B 2R3 Canada - Tel : 1 (514) 472 0094 [www.maplechemicals.com](http://www.maplechemicals.com)

## **TECHNICAL BULLETIN**

### **STATEMENT OF USE**

**MA-SIL TCT** is a silicone-based softener designed to provide an extremely soft, slick hand on both cotton and cotton blends.

### **ADVANTAGES**

- \* Provides a full, soft hand with excellent drape and body.
- \* Enhances or "blooms" black or dark colors.
- \* Can produce a durable finish when applied with resin and catalyst

### **TYPICAL PROPERTIES**

Physical Appearance	Milky White Emulsion
% Activity	35 - 40
pH	7 - 9
Density (lbs./gal.)	8.24

### **RECOMMENDATIONS FOR USAGE**

#### **Pad Application:**

Pad application, typical bath concentrations of 1.0 – 4.0% on the weight of the bath **MA-SIL TCT** to provide a soft smooth hand. Normal drying temperatures are sufficient for curing to produce a durable silicone finish.

**MA-SIL TCT** may be padded in single component "pure finish" baths, in resin systems or in combination with other finishing components. While **MA-SIL TCT** provides excellent resin compatibility, the bath compatibility and stability of any multi-component system must be checked before application.

#### **Exhaust Application:**

Typical levels of 1.0% - 3.0% on the weight of the fabric are recommended to provide a soft smooth hand, which will provide excellent shade bloom.

Exhaust conditions recommended for **MA-SIL TCT** are 110°F – 120°F for 10 – 15 minutes. Normal drying temperatures are sufficient for curing to produce a durable silicone finish.

*Note: For efficient exhaustion, the pH of the finish bath should be 4.5 – 5.0. If the bath pH is above this level, it is recommended that the pH be adjusted with acetic acid.*

### **STORAGE AND HANDLING**

Normal precautions taken with all chemical auxiliaries should be used. **DO NOT FREEZE!**

### **PACKAGING**

Available in returnable drums.



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#### **PHYSIOLOGICAL DATA**

For Industrial Use Only: The usual precautions in keeping chemicals from the eyes and skin and avoiding ingestion and prolonged inhalation of vapors should be observed.

While every care has been taken to ensure the accuracy of the information contained in this publication, no warranty or liability will be accepted as the conditions of usage are beyond our control. Product specifications can be provided upon request.

Our Technical Sales Department is available to assist customers in preparing formulae and procedures to suit their specific requirements. Production trials are recommended to determine effectiveness. Process information submitted by our customers will be treated in confidence.