



# SATIN FINISH

Low Gloss Floor Finish

## DESCRIPTION

**Satin Finish** is a unique polymer system that provides a durable, matte gloss finish for use in healthcare facilities where depth perception is a problem.

**Satin Finish's** unique polymer system is extremely durable extending the film's life, requiring less stripping and recoating.

**Satin Finish's** user-friendly formula with excellent leveling and recoatability produce a clear non-yellowing film that can be repeatedly mopped with neutral cleaners like *NeutraMax* and *Orderly*, neutral disinfectant in healthcare facilities.

## DIRECTIONS

### **Preparation:**

Remove old finish with a quality stripper like *#1 Remover* as per label directions. When floor is clean and dry, **Satin Finish** can be applied in thin even coats allowing 20-30 minutes between coats. **Satin Finish** can be used without a sealer. However, on a porous floor, it is beneficial to apply 2 coats of a premium sealer like M-chem's *Foundation*.

### **Application:**

On non-porous or sealed floors apply 2-3 thin coats of **Satin Finish** allowing 20-30 minutes drying time.

### **Maintenance:**

Dust mop with treated mop daily. Damp mop with a neutral detergent, like *NeutraMax* or *Orderly* for best results. To recoat traffic lanes when required, scrub with *MultiMax* using a red or blue pad and apply 1-2 fresh coats where required.

## PHYSICAL DATA

|                 |   |
|-----------------|---|
| Features        | Acrylic polymer system  |
| Appearance      | Milky-white emulsion  |
| Coverage        | Up to 5,000 sq.ft. per gallon when recoating<br>2,500 to 3,500 sq.ft. per gallon when building film |
| Slip Resistance | Passes ASTM D2047   |
| Total Solids    | 16.0 % (non-volatile) minimum   |

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **SATIN FINISH**

WHMIS CODE: D2B

Product Use: *Matte gloss floor finish.*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

### HMIS

|   |              |
|---|--------------|
| 1 | Health       |
| 0 | Flammability |
| 0 | Reactivity   |
| B | Personal     |

A=Goggles, B=Goggles & Gloves  
C=Goggles, Gloves and Apron

M-chem Technologies Inc.  
1607Derwent Way  
Delta, BC V3M 6K8, Canada  
Phone: (604) 526-5655

### EMERGENCY PHONE

Canada: Canutec 613-996-6666  
U.S.A.: Chemtrec 800-424-9300

ABBREVIATION KEY: N/A=Not Applicable, N/E=Not Established, N/D=Not Determined, > =Greater Than

## SECTION 2 – HAZARDOUS INGREDIENTS INFORMATION

| INGREDIENT  | CAS NO.    | RANGE % | PEL     | TLV     |
|---|------------|---------|---------|---------|
| <b>DIETHYLENE GLYCOL MONO ETHYL ETHER</b>   | 111-90-0   | 1.0-5.0 | N/E     | N/E     |
| The above item is reported per 40 CFR 372, Section 313 of Emergency Planning and Community Right to Know Act of 1986. |            |         |         |         |
| LD50 (Oral-Rat)   | 5540 mg/kg |         |         |         |
| LD50 (Dermal-Rat)   | 6000 ml/kg |         |         |         |
| LC50  | No Data    |         |         |         |
| <b>DIPROPYLENE GLYCOL METHYL ETHER</b>  | 34590-94-8 | 1.0-5.0 | 100 ppm | 100 ppm |
| The above item is reported per 40 CFR 372, Section 313 of Emergency Planning and Community Right to Know Act of 1986. |            |         |         |         |
| LD50  | 5430 mg/kg |         |         |         |
| LD50  | 9500 mg/kg |         |         |         |
| LC50  | N/A        |         |         |         |

## SECTION 3 – PHYSICAL DATA

**Color and Odor:** Milky white, characteristic odor. **Boiling Point:** N/D **Vapor Pressure (mm HG):** N/D **pH:** 8.5 – 9.0  
**Physical State:** Liquid. **Reactive VOC:** <56 g/L **Vapor Density:** N/D **Specific Gravity:** 1.015 @ 20°C  
**Coef. Water/Oil Dist:** Greater than 1.0 **Evaporation Rate:** N/D **Solubility in Water:** Soluble **Odor Threshold:** No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C **Sensitivity to Mechanical Impact:** None. **Extinguishing Media:** Not flammable.  
**Flammable Limits:** None known. **Sensitivity to Static Discharge:** None. **Auto ignition Temperature:** None known.  
**Unusual Fire and Explosion Hazards:** None. **Conditions of Flammability:** None.  
**Hazardous Combustion Products:** Decomposition may produce carbon oxides and/or acrylic monomers.  
**Special Fire Fighting:** Wear NIOSH/MSHA approved, self-contained breathing apparatus for fire fighting situation.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.  
**Hazardous Polymerization:** Will not Occur.  
**Incompatibility (material to avoid):** Strong acids, alkalis, heavy metal salts and oxidizing agents.  
**Hazardous Decomposition Products:** Carbon oxides and acrylic monomer fumes upon thermal decomposition.

## SECTION 6 – TOXICOLOGICAL DATA

**Exposure Limits:** See Section 2 under Hazardous Ingredient. **Routes of Entry:** Skin, eyes, inhalation.  
**Irritation of Product:** May be irritating to skin and eyes. **Carcinogenicity:** None known.  
**Sensitization:** None known. **Teratogenicity:** None known. **Mutagenicity:** None known.  
**Name of Toxicological Synergistic Product:** None known. **Reproductive Toxicity:** None known.  
**Effects of Chronic Exposure:** Prolonged or repeated exposure may cause skin irritation or dermatitis.  
**Effects of Acute Exposure to Product:** Product exposure may irritate skin and eyes. Prolonged inhalation of vapors or mists may irritate respiratory system. Ingestion may cause gastro-intestinal and abdominal discomfort.

## SECTION 7 – PREVENTATIVE AND CONTROL MEASURES

**Respiratory Protection:** Not required for normal use of product.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Not required for normal use of product. Use Butyl rubber or Neoprene gloves when handling directly.  
**Eye Protection:** Normally not required. However, Chemical goggles or safety glasses when eye contact may occur.  
**Protective Clothing and Equipment:** Long sleeve coveralls. Eye wash recommended in the immediate work area.  
**Storage and Handling Procedures:** Use good Industrial hygiene. Avoid contact with skin, eyes and clothing. Store in a cool, dry place away for incompatibles. Keep container closed when not in use. Do not mix with other chemicals. Store at temperatures below 30°C and keep from freezing.  
**Disposal Procedures for Spills or Leaks:** Wear protective equipment. Soak up spills with absorbents, then dispose of in an appropriate waste container. Keep material away from sewers.  
**Waste Disposal Method:** Reuse or neutralize with soda ash or sodium bicarbonate if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.  
**Special Shipping Information:** Keep from freezing and temperatures above 30°C.

## SECTION 8 – EMERGENCY FIRST AID PROCEDURES

**First Aid:**  
If swallowed, give plenty of clean water to drink to dilute product. Do not induce vomiting. Call a Physician. In case of contact with eyes, flush with clean water for 15 minutes. Get medical attention. For contact with skin, wash with clean water and rinse well. If irritation occurs or persists, get medical attention.

## PREPARATION DATA

PREPARED BY: Technical Service / Regulatory Division

PHONE: 604-526-5655

LAST UPDATE: 07/04/11

THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE