



# STONE CLAD

## Stone Surface Coating

### DESCRIPTION

**Stone Clad** is a special, water-based sealer/finish designed for use on non-resilient surfaces such as marble, granite, slate, quarry tile, terra cotta, concrete, ceramic tile and brick.

**Stone Clad's** a tough finish, formulated to protect and beautify natural stone and tile floors. **Stone Clad** has excellent adhesion to these hard, porous surfaces and shows good water resistance. It provides great initial gloss which can be maintained with a buffing program and **Stone Clad** is easily strippable.

### DIRECTIONS

#### **Preparation**

Vacuum all surfaces. Clean new surfaces with *NeutraMax* at 2 oz/US gallon (16 ml/L) (1:64) and rinse. Strip previously coated surfaces with *Burlesque*. Rinse well and allow to dry completely.

#### **Application**

Apply 2-4 coats of **Stone Clad** with a clean mop and bucket. Saturate mop and press firmly against wringer to remove excess. Allow 35-45 minutes between each coat. Apply additional coats (up to 4 maximum) to achieve desired gloss within a 24 hour period. This coating can be buffed after 48 hours.

#### **Maintenance**

Dust mop or vacuum floor. Damp mop with *NeutraMax* at 1 oz/US gal (8 ml/L) (1:128) as needed to keep clean. Buff as needed to maintain gloss. Care must be taken due to the unevenness of stone floors.

### PHYSICAL DATA

Appearance	Opaque liquid
Color	White
Foam	Low
Odor	Sweet, solvent
pH	8.0 - 9.0
Calculated VOC (%)	<61 g/L

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **STONE CLAD**

WHMIS CODE: D2B

Product Use: *Non-Resilient 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.  
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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

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>RANGE %</u>	<u>PEL</u>	<u>TLV</u>
DIETHYLENE GLYCOL METHYL ETHER	111-77-3	1-5	N/E	N/E
LD50 (oral, rat)	> 7000 mg/kg			
LD50 (dermal)	20ml/kg (rabbit)			
LC50	N/D			

## SECTION 3 – PHYSICAL DATA

<b>Color and Odor:</b> Milky white, characteristic odor.	<b>Boiling Point:</b> N/D	<b>Vapor Pressure (mm HG):</b> N/D	<b>pH:</b> 8.5 – 9.0 @ 20°C
<b>Physical State:</b> Liquid.	<b>Melting Point:</b> N/A	<b>Vapor Density:</b> N/D	<b>Specific Gravity:</b> 1.032 @ 20°C
<b>Coef. Water/Oil Dist:</b> Greater than 1.0	<b>Evaporation Rate:</b> N/D	<b>Solubility in Water:</b> Soluble	<b>Odor Threshold:</b> No Data

## SECTION 4 – FIRE AND EXPLOSION HAZARD DATA

**Flash Point and Method:** None to 100°C (TCC)      **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. Use water spray to cool all nearby fire exposed surfaces.

## SECTION 5 – REACTIVITY DATA

**Chemical Stability:** Stable under normal storage conditions.  
**Hazardous Polymerization:** Will not occur.  
**Incompatibility (material to avoid):** None known.  
**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.  
**Irritancy of Product:** May be irritating to skin and eyes.      **Carcinogenicity:** None known.  
**Sensitization:** None known.      **Mutagenicity:** None known.  
**Teratogenicity:** None known.      **Reproductive Toxicity:** None known.  
**Name of Toxicological Synergistic Product:** 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:** Normally not required. However, if product is misted or sprayed, use a NIOSH/MSHA approved dust/mist respirator.  
**Ventilation:** Good general ventilation or local exhaust ventilation for spraying and misting in confined areas.  
**Protective Gloves:** Butyl rubber or Neoprene gloves.  
**Eye Protection:** Chemical goggles, safety goggles or face shield.  
**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 from 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 if possible. Otherwise dispose recovered material in accordance with all local, Provincial or Federal regulations.  
**Special Shipping Information:** Store at temperature below 30°C and keep from freezing.

## 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: 11/27/09  
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE