



# FLEX CLAD

Flexible Floor Coating

## DESCRIPTION

*Flex Clad* is a special water-based coating/finish designed for use on resilient surfaces such as rubber flooring, sport mats, rubber mats and runners.

*Flex Clad's* a tough and flexible finish, formulated to protect and beautify rubber surfaces. *Flex Clad* provides great initial gloss and has excellent adhesion to these rubber surfaces. Having a finish on rubber surfaces improves ease of cleaning. *Flex Clad* is also easily strippable.

## DIRECTIONS

### Preparation

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

### Application

Apply 2-3 coats of *Flex Clad* using a paint roller with a thick nap, a microfibre mop or a lamb's wool applicator. Allow 35-45 minutes between each coat. Apply additional coats (up to 3 maximum) to achieve desired gloss within a 24-hour period.

### Maintenance

Dust mop or vacuum floor frequently. Damp mop with *NeutraMax* at 2oz/US gallon (16ml/L) (1:64) as needed to keep clean. Buff as needed to maintain gloss. Care must be taken due to the unevenness of rubber floors.

## PHYSICAL DATA

Appearance	Opaque liquid
Color	White
Foam	Low
Odor	Sweet, solvent
pH	8.0 - 9.0

Durable. Reliable. Long lasting. Commercial floor finish.

# MATERIAL SAFETY DATA SHEET

## SECTION 1 – PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **FLEX CLAD**

WHMIS CODE: D2B

Product Use: *Floor Finish.*

Proper Shipping Name: N/A

Hazard Class: N/A

UN Number: N/A

M-chem Technologies Inc.  
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Delta, BC V3M 6K8, Canada  
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### EMERGENCY PHONE

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

### HMIS

1	Health
0	Flammability
0	Reactivity
B	Personal

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

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 MONOETHYL 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	5540 mg/kg (Oral-Rat)			
LD50	6000 ml/kg (Dermal-Rat)			
LC50	No Data			

## 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> 8.0 – 8.5
<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>Coeff. 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

<b>Flash Point and Method:</b> None to 100°C	<b>Sensitivity to Mechanical Impact:</b> None.	<b>Extinguishing Media:</b> Not flammable.
<b>Flammable Limits:</b> None known.	<b>Sensitivity to Static Discharge:</b> None.	<b>Auto ignition Temperature:</b> None known.
<b>Unusual Fire and Explosion Hazards:</b> None.		<b>Conditions of Flammability:</b> 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.

**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.

**Hazardous Polymerization:** Will not Occur.

## SECTION 6 – TOXICOLOGICAL DATA

<b>Exposure Limits:</b> See Section 2 under Hazardous Ingredient.	<b>Routes of Entry:</b> Skin, eyes, inhalation.
<b>Irritancy of Product:</b> May be irritating to skin and eyes.	<b>Carcinogenicity:</b> None known.
<b>Sensitization:</b> None known.	<b>Mutagenicity:</b> None known.
<b>Teratogenicity:</b> None known.	<b>Reproductive Toxicity:</b> 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:** 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 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 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:** Store at temperature below Keep 30°C. 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: 07/04/11  
THE INFORMATION PROVIDED IN THIS MATERIAL SAFETY DATA SHEET HAS BEEN OBTAINED FROM CURRENT SOURCES AND IS BELIEVED TO BE RELIABLE