



TCC Materials
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Mendota Heights, MN 55120-1221

Emergency Telephone Number: 651-688-9116
Information Telephone Number
651-905-8137

Revision Date
August 2016

Section 1: Product Identification

Product Type: Waterproofing Membrane

Product Name:

Tech-Mix® Waterproofing & Crack Isolation Membrane

Section 2: Hazard Identification

Classification of the chemical:

Not controlled under OSHA HazCom 2012.

Label elements:

Hazard pictogram: Not applicable.
Signal word: Not applicable.
Hazard statement: Not applicable.
Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

Additional information:

Hazards not otherwise classified: Not applicable.

HMIS® Rating: Health: 1* Fire: 0 Reactivity: 0

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Section 3: Hazardous Ingredients/Composition

Ingredient	Typical Percentage	CAS #
Calcium carbonate	10-30%	1317-65-3

*Specific chemical identities and concentrations withheld as trade secret. They are available upon request to health professionals, employees and their designated representatives in accord with 29CFR1910.1200(i).

Section 4: First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration.
If breathing is difficult, give oxygen. Get medical advice/attention.

Eye contact:

In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.

Skin Contact:

In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.

Ingestion:

If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.

Most important symptoms and effects, both acute and delayed:

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin Contact: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Ingestion: May be harmful if swallowed. May cause depression of central nervous system, nausea or vomiting.

Indication of any immediate medical attention and special treatments needed:

Note to physician: Symptoms may not appear immediately.

Specific treatments: In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

Section 5: Fire Fighting Measures

Flammability: Not flammable by WHMIS/OSHA criteria.

Extinguishing media:

Suitable Extinguishing Media:

Powder, water spray, foam, carbon dioxide.

Unsuitable Extinguishing Media:

None known.

Special hazards arising from the chemical:

Products of Combustion:

May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available.

Sensitivity to Static Discharge: Not available.

Special protective equipment and precautions for fire-fighters:

Keep upwind of fire. Wear full fire-fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: Accidental Release Measures

Personal precautions, protective equipment and emergency procedures:

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Avoid any contact with the skin and eyes.

Methods and materials for containment and cleaning-up:

Methods of containment:

Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).

Methods for cleaning-up:

Scoop up material and place in a disposal container.

Section 7: Handling and Storage

Precautions for safe handling:

Handling:

Avoid contact with skin and eyes. Do not swallow. Avoid breathing vapor or mist. The use of compressed air for cleaning clothing, equipment, etc., is not recommended. Handle and open container with care. When using do not eat or drink. Wash hands before eating, drinking, or smoking. (See section 8)

General hygiene advice:

Laundry contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

Conditions for safe storage, including any incompatibilities:

Storage:

Keep out of the reach of children. Store in dust-tight, dry, labeled containers. Keep containers closed when not in use. Do not allow container of product to

freeze. Do not store in an area equipped with emergency water sprinklers. (See section 10)

Section 8: Exposure Controls/Personal Protection

Control parameters:

Occupational Exposure Limits:

	OSHA PEL	OSHA 1989 PEL*	ACGIH TLV	NIOSH REL
Calcium carbonate	15 mg/m ³ (total) 5 mg/m ³ (respirable)	15 mg/m ³ (total) 5 mg/m ³ (respirable)	None (TLV withdrawn in 2007)	10 mg/m ³ (total) 5 mg/m ³ (respirable)

*For states that adopted the 1989 PEL revisions (Minnesota, Oregon, Washington, California)

Exposure Controls:

Engineering Controls:

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.

Individual protective measures:

Personal protective equipment:

Eye / Face protection:

Safety glasses or goggles are recommended when using product.

Skin protection:

Hand protection: Wear suitable gloves.

Body Protection: Wear suitable protective clothing.

Respiratory protection:

Wear suitable respiratory equipment.

General health and safety measures:

Handle according to established industrial hygiene and safety practices. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking.

Section 9: Physical and Chemical Properties

Appearance:

Liquid, paste-like.

Color:

Salmon, dries to dark orange.

Odor:

No significant odor.

Odor threshold:

Not available.

Physical state:

Liquid.

pH:	Not available.
Melting point:	Not available.
Freezing point:	Not available.
Initial point and boiling range:	Not available.
Flash point:	Not available.
Evaporation rate:	Not available.
Flammability:	Not flammable
Lower flammability/ Explosive limits:	Not available.
Upper flammability/ Explosive limits:	Not available.
Vapor pressure:	Not available.
Vapor density:	Not available.
Relative density/Specific gravity:	Not available.
Solubility:	Not available.
Partition coefficient: n-octanol/water:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
Percent volatile, wt %:	Not available.
VOC content, wt. %:	10 g/L

Section 10: Stability and Reactivity

Reactivity:

No dangerous reaction known under conditions of normal use.

Chemical stability:

Stable under normal storage conditions.

Possibility of hazardous reactions:

No dangerous reaction known under conditions of normal use.

Conditions to avoid:

Incompatible materials.

Incompatible materials:

None known.

Hazardous decomposition products:

May include, and are not limited to: oxides of carbon.

Section 11: Toxicological Information

Information on toxicological effects:

Likely routes of exposure: Skin contact, eye contact, inhalation, and ingestion.

Symptoms related to physical/chemical/toxicological characteristics:

Eye: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.

Skin: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.

Ingestion: May be harmful if swallowed. May cause depression of central nervous system, nausea or vomiting.

Inhalation: May be harmful if inhaled. May cause respiratory tract irritation.

Acute toxicity:

Ingredient	IDLH	LC50	LD50
Calcium carbonate	Not available.	Not available.	Not available.

Calculated overall Chemical Acute Toxicity Values

LC50 (inhalation)	LD50 (oral)	LD50 (dermal)
90 mg/L 4 h, rat	90000 mg/kg, rat	90000 mg/kg, rabbit

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*
Calcium carbonate	Not listed.

Delayed, immediate, and chronic effects of short-and long-term exposure:

Skin corrosion/ irritation:

Based on available data, the classification criteria are not met.

Serious eye damage / irritation:

Based on available data, the classification criteria are not met.

Respiratory sensitization:

Based on available data, the classification criteria are not met.

Skin sensitization:

Based on available data, the classification criteria are not met.

STOT-Single exposure:

Based on available data, the classification criteria are not met.

Chronic health effects:

Carcinogenicity:

This product is not classified as a carcinogen.

Germ cell mutagenicity:

This product is not classified as a mutagen.

Reproductive toxicity:

Based on available data, the classification criteria are not met.

Developmental:

Based on available data, the classification criteria are not met.

Tertogenicity:

Not hazardous by WHMIS/OSHA criteria.

Embryotoxicity:

Not hazardous by WHMIS/OSHA criteria.

Fertility:

Based on available data, the classification criteria are not met.

STOT-Repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

Toxicologically synergistic:

Materials: Not available.

Other information: Not available.

Section 12: Ecological Information

Ecotoxicity:

Acute/Chronic toxicity:

May cause long-term adverse effects in the aquatic environment.

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility in soil: Not available.

Other adverse effects: Not available.

Section 13: Disposal Considerations

Waste treatment methods:

Disposal method: This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

Other disposal recommendations: Not available.

Section 14: Transportation

Not a DOT-regulated hazardous material. Not classified as dangerous goods for DOT, IATA, IMDG, TDG

Special precautions for user:

Do not handle until all safety precautions have been read and understood.

Section 15: Regulatory Information

Safety, health and environmental regulations/legislations specific for the chemical:

Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Mexico: MSDS prepared pursuant to NOM-018-STPS-2000.

This product does not contain any

- chemicals regulated under:
 - CERCLA
 - SARA 302 EHS
 - SARA 304
 - SARA 313
- Hazardous Air Pollutants

State regulations:

California Proposition 65:

This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Global inventories:

Ingredient	Canada DSL/NDLS	USA TSCA
Calcium carbonate	NDSL	Yes.

NFPA - National Fire Protection Association:

Health:	0
Fire:	1
Reactivity:	0

HMIS – Hazardous Materials Identification System:

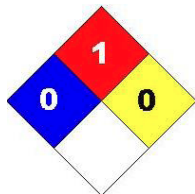
Health:	0
Fire:	1
Reactivity:	0

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

WHMIS Classification(s):

Not controlled.

Mexico classification:



Blue = Health Red = Flammability Yellow = Reactivity White = Special

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65 California Proposition 65

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen.

A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

Section 16: Other Information

Additional information on the products is available at: www.tccmaterials.com

Tech-Mix[®] is a trademark of TCC Materials.

NOTE: The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to silica contained in our products. Before using any product, read its label and safety data sheet.