

Finitec MicroConcrete

Section 1. Identification

Common name : Finitec MicroConcrete

Synonym : None

Material uses : Concrete mix

Supplier / Manufacturer:

Produits de Plancher Finitec Inc.

150 rue Léon-Vachon

Saint-Lambert-de-Lauzon

Québec, Canada, G0S 2W0

Phone: 418-889-9910

service@finitec-inc.com

http://www.finitec-inc.com

In case of emergency:

Poison Control Centres : (800) 463-5060

CANUTEC : (613) 996-6666

Section 2. Hazards identifications

Classification :



Skin irritation, Category 2

Serious eye damage, Category 1

Carcinogenicity, Category 1A

Specific target organ toxicity - Single exposure (Respiratory tract irritation), Category 3

Specific target organ toxicity - Repeated exposure, Category 1

Signal word : Danger

Hazard statements:

H315 : Causes skin irritation.

H318 : Causes serious eye damage.

H335 : May cause respiratory irritation.

H350 : May cause cancer.

H372 : Causes damage to organs through prolonged or repeated exposure.

Precautionary statements:

- P201 : Obtain special instructions before use.
- P202 : Do not handle until all safety precautions have been read and understood.
- P260 : Do not breathe dust/fumes/gas/mist/vapours/spray.
- P264 : Wash exposed and/or contaminated area thoroughly after handling.
- P270 : Do not eat, drink or smoke when using this product.
- P271 : Use only outdoors or in a well-ventilated area.
- P280 : Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 : IF ON SKIN: Wash with plenty of water and soap.
- P304+P340 : IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
- P308+P313 : If exposed: Call a POISON CENTER or doctor/physician.
- P310 : Immediately call a POISON CENTER or a doctor.
- P314 : Get medical advice/attention if you feel unwell.
- P321 : Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.
- P403+P233 : Store in a well ventilated place. Keep container tightly closed.
- P405 : Store locked up.
- P501 : Dispose of contents / container by a local waste disposal company according to regional regulations.

Section 3. Composition and information on ingredients

Name	CAS	Concentration %
Sand (containing crystalline silica)	14808-60-7	30 – 80%
Portland cement	65997-15-1	10 – 50%

Section 4. First aid measures

Description of first aid if required:

Move out of dangerous area. Consult a physician. Show this safety data sheet to the doctor in attendance.

Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes.

Skin contact:

Wash exposed and/or contaminated area thoroughly after handling.

Inhalation:

Bring the conscious victim to fresh air.

Ingestion:

Rinse mouth. Do NOT induce vomiting.

Indication of immediate medical attention and special treatment needed, if necessary:

Do not give anything by mouth to an unconscious victim.

Most important acute symptoms and effects:

No known specific effects and/or symptoms

Most important delayed symptoms and effects:

No known specific chronic effects and/or symptoms

Section 5. Firefighting measures

Flammability of the product :

Non-flammable

Flash point :

Not applicable

Auto-ignition temperature :

Data not available

Products of combustion :

Hazardous decomposition products formed under fire conditions. Nature of decomposition products not known.

Special protective actions for fire-fighters :

Wear self-contained breathing apparatus with full face shield and appropriate protective clothing.

Suitable extinguishing media :

Use means of extinction the most suited to the surrounding materials.

Section 6. Accidental release measures**Personal precautions, protective equipment and emergency procedures:**

For non emergency personnel: Evacuate the area.

For emergency personnel: Splash goggles, full suit, chemical resistant gloves. A self-contained breathing apparatus is recommended to avoid inhalation of the product. Suggested protective clothing might not be sufficient. Consult a specialist before handling this product.

Environmental precautions:

Do not let product enter drains

Methods and material for containment and cleaning up:

Use appropriate tools to put the spilled solid in a convenient waste disposal container.

Section 7. Handling and storage**Precautions in Handling:**

Do not ingest. Do not breathe dust. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid contact with skin and eyes.

Precautions in Storage:

Keep container tightly closed in a cool, dry and well-ventilated place.

Section 8. Exposure Controls, Personal Protections**Control parameters:**

Component	CAS	Value	Control parameters	Basis
Portland cement	65997-15-1	TWA	5 mg/m ³ (inhalablefraction)	RSST
		TWA	10 mg/m ³ (inhalablefraction)	RSST
		DIVS	5000 mg/m ³	CNESST
Sand (containingcrystalline silica)	14808-60-7	TWA	0.1 mg/m ³ (inhalablefraction)	RSST

Engineering controls:

Use mechanical exhaust or laboratory fumehood to avoid exposure.

Personal protective equipment:

Eyes: Wear safety glasses.

Skin/body: Wear a lab coat or any other appropriate protective clothing.

Respiratory: If ventilation is insufficient, choose appropriate respiratory protection according to levels and duration of exposure.

Hands: Wear chemical resistant protective gloves.

Section 9. Physical and chemical properties

Physical state: Solid

Color: Data not available

Odour: Odorless

Melting point/Freezing point: Data not available

Boiling point: Data not available

Appearance: Powder

pH: 11

Solubility: Soluble

Density: Data not available

Section 10. Stability and reactivity

Chemical stability: Stable under recommended storage conditions.

Incompatible materials: Strong oxidizing agents, strong acids. Some metals may react with this product.

Products of combustion: Hazardous decomposition products formed under fire conditions. Nature of these products is not known.

Section 11. Toxicological information

Acute toxicity :

None

Skin corrosion/irritation :

Portland cement: May cause skin irritation.

Serious eye damage/irritation :

Portland cement: Causes serious eye damage.

Respiratory or skin sensitisation :

Not applicable

Gem cell mutagenicity :

Not applicable

Carcinogenicity :

Sand (containing crystalline silica): Suspected of causing cancer.

Reproductive toxicity :

Not applicable

STOT- Single exposure :

Portland cement: May irritate the respiratory tract.

STOT- repeated exposure :

Sand (containing crystalline silica): Causes damage to organs through prolonged or repeated exposure (lungs).

Aspiration hazard :

Not applicable

Information on likely route of exposure :

Skin, eyes, inhalation.

Section 12. Ecological information

Ecological data for aquatic environments :

None

Persistence and degradability :

Not applicable

Bioaccumulative potential :

Not applicable

Mobility in soil :

Not applicable

Other adverse effects :

Not applicable

Section 13. Disposal considerations

Waste disposal :

Dispose of the chemical waste in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste.

Section 14. Transportation information

No TDG/DOT/IMDG/IATA Classification

Section 15. Regulatory information

No additional information.

Section 16. Additional information

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1.0

Elaborated by :

Toxyscan inc.

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This safety data sheet has been prepared in accordance with the WHMIS / GHS classification rules in effect at the time of writing.