



Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • **Kwik Mix Hydraulic Cement**

Relevant identified uses of the substance or mixture and uses advised against

Recommended use • Types of concrete

Details of the supplier of the safety data sheet

Manufacturer • Kwik-Mix Materials Limited
P.O. Box 520
Port Colborne Ontario L3K 5X7
Canada
www.kwikmix.com
sales@kwikmix.com

Telephone (General) • 905-834-6177

Emergency telephone number

Manufacturer • 905-834-6177 or 1-800-668-3140

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Skin Corrosion 1C Skin Sensitization 1
Serious Eye Damage 1
Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Carcinogenicity 1A
Specific Target Organ Toxicity Repeated Exposure 1

Label elements

OSHA HCS 2012

DANGER



- Hazard statements**
- May cause severe skin burns and eye damage.
 - May cause serious eye damage.
 - May cause an allergic skin reaction.
 - May cause respiratory irritation.
 - May cause cancer.
 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

- Prevention**
- Obtain special instructions before use.
 - Do not handle until all safety precautions have been read and understood.
 - Do not breathe dust.
 - Wash thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Use only outdoors or in a well-ventilated area.
 - Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER/doctor.
 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
 - Wash contaminated clothing before reuse.
 - If skin irritation or rash occurs: Get medical advice/attention. Specific treatment, see supplemental first aid information.
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 - IF exposed or concerned: Get medical advice/attention.
 - Get medical advice/attention if you feel unwell.

- Storage/Disposal**
- Store locked up.
 - Store in a well-ventilated place. Keep container tightly closed.
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

- OSHA HCS 2012**
- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS 2015

Classification of the substance or mixture

- WHMIS 2015**
- Skin Corrosion 1C Skin Sensitization 1
 - Serious Eye Damage 1
 - Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation Carcinogenicity 1A
 - Specific Target Organ Toxicity Repeated Exposure 1

Label elements

WHMIS 2015

DANGER



- Hazard statements**
- May cause severe skin burns and eye damage.
 - May cause an allergic skin reaction. Causes serious eye damage.
 - May cause respiratory irritation.
 - May cause cancer.
 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements

- Prevention**
- Obtain special instructions before use.
 - Do not handle until all safety precautions have been read and understood.
 - Do not breathe dust.
 - Wash thoroughly after handling.
 - Do not eat, drink or smoke when using this product.
 - Use only outdoors or in a well-ventilated area.
 - Contaminated work clothing should not be allowed out of the workplace.
 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.
 - IF ON SKIN: Wash with plenty of water. Immediately call a POISON CENTER/doctor. Take off contaminated clothing and wash it before reuse. Specific treatment, see supplemental first aid information.
 - If skin irritation or rash occurs: Get medical advice/attention.
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF exposed or concerned: Get medical advice/attention.
 - Get medical advice/attention if you feel unwell.

- Storage/Disposal**
- Store in a well-ventilated place. Keep container tightly closed.
 - Store locked up.
 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Other hazards

- WHMIS 2015**
- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Portland	CAS:65997-15-1	40% TO 70%	NDA	OSHA HCS 2012: Skin Sens. 1; Eye Dam. 1 WHMIS 2015: Skin Sens. 1; Eye Dam. 1	NDA
Limestone	CAS:1317-65-3	4% TO 70%	NDA	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Calcium sulfate hemihydrate	CAS:10034-76-1	9% TO 20%	NDA	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Crystalline silica	CAS:14808-60-7	18.54% TO 100%	NDA	OSHA HCS 2012: Carc. 1A; STOT RE 1 (Lungs, Inhl)	NDA

				WHMIS 2015: Carc. 1A; STOT RE 1 (Lungs, Inhl)	
Gypsum	CAS: 13397-24-5	< 0.07%	NDA	OSHA HCS 2012: STOT RE 1 (Lungs) WHMIS 2015: STOT RE 1 (Lungs)	NDA
Magnesium oxide	CAS: 1309-48-4	40% TO 70%	Ingestion/Oral-Rat, adult male LD50 • 3870 mg/kg	OSHA HCS 2012: Hazard Not Otherwise Classified - Health Hazard - Metal fume fever WHMIS 2015: Not Classified	NDA
Calcium oxide	CAS: 1305-78-8	40% TO 70%	NDA	OSHA HCS 2012: Skin Corr. 1C; Eye Dam. 1; STOT SE 3: Resp. Irrit. WHMIS 2015: Skin Corr. 1C; Eye Dam. 1; STOT SE 3: Resp. Irrit.	NDA
Chromium, ion (Cr 6+)	CAS: 18540-29-9	< 0.07%	NDA	OSHA HCS 2012: Exposure Limit	NDA

Section 4: First-Aid Measures

Description of first aid measures

- Inhalation** • Move victim to fresh air. Administer oxygen if breathing is difficult. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Give artificial respiration if victim is not breathing. Get medical attention immediately.
- Skin** • For minor skin contact, avoid spreading material on unaffected skin. Wash skin with cool water and pH-neutral soap or a mild detergent intended for use on skin. Remove and isolate contaminated clothing. Get medical attention immediately.
- Eye** • In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. Get medical attention immediately.
- Ingestion** • Do NOT induce vomiting. Give plenty of water to drink. Never give anything by mouth to an unconscious person. Do not use mouth-to-mouth method if victim ingested the substance. If swallowed, rinse mouth with water (only if the person is conscious) Obtain medical attention immediately if ingested.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed

- Notes to Physician** • All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

- Suitable Extinguishing Media** • In case of fire use media as appropriate for surrounding fire.

- Unsuitable Extinguishing Media** • Do not use water jet or water-based fire extinguishers.

Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards** • No data available

- Hazardous Combustion Products** • NO_x, CO₂, CO, SO_x.

Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
Wear positive pressure self-contained breathing apparatus (SCBA).
SMALL FIRES: Move containers from fire area if you can do it without risk.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions • Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures • Isolate the hazard area. Keep out unnecessary and unprotected personnel.

Environmental precautions

- Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Avoid generating dust.
Carefully shovel or sweep up spilled material and place in suitable container.

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Handle an open container with care. Use only with adequate ventilation. Use caution when combining with water; DO NOT add water to corrosive liquid, ALWAYS add corrosive liquid to water while stirring to prevent release of heat, steam and fumes. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Promptly remove dusty clothing, or clothing that is wet with material. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage • Keep container tightly closed. Keep material as dry as possible until used. Normal temperatures and pressures do not affect the material.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Calcium sulfate hemihydrate (10034-76-1)	TWAs	5 mg/m ³ TWA	5 mg/m ³ TWA	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Calcium oxide (1305-78-8)	TWAs	2 mg/m ³ TWA	2 mg/m ³ TWA	5 mg/m ³ TWA
Magnesium oxide (1309-48-4)	TWAs	10 mg/m ³ TWA (inhalable fraction)	Not established	15 mg/m ³ TWA (fume, total particulate)

Limestone (1317-65-3)	TWAs	Not established	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Chromium, ion (Cr 6+)	TWAs	Not established	0.0002 mg/m ³ TWA (as Cr) <i>as Chromium (VI) compounds</i>	5 µg/m ³ TWA
Gypsum (13397-24-5)	TWAs	10 mg/m ³ TWA (inhalable fraction, listed under Calcium sulfate)	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Portland cement (65997-15-1)	TWAs	1 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Crystalline silica (14808-60-7)	TWAs	0.025 mg/m ³ TWA (respirable fraction)	0.05 mg/m ³ TWA (respirable dust)	Not established

Exposure Limits Supplemental

OSHA

- Portland cement (65997-15-1): **Mineral Dusts:** (50 mppcf TWA (<1% Crystalline silica))
- Crystalline silica (14808-60-7): **Mineral Dusts:** ((30)/(%SiO₂ + 2) mg/m³ TWA, total dust; (250)/(%SiO₂ + 5) mppcf TWA, respirable fraction; (10)/(%SiO₂ + 2) mg/m³ TWA, respirable fraction)

Exposure controls

Engineering

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Measures/Controls

Personal Protective Equipment

Respiratory

- Use properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product, and the assigned protection factor of the selected respirator.

Eye/Face

- Wear protective eyewear (goggles, face shield, or safety glasses).

Skin/Body

- Wear appropriate gloves. Nitrile, Butyl and PVC gloves have been found to offer adequate protection for incidental contact. Wear long sleeves and/or protective coveralls. Wear rubber boots when stepping in concrete products. You cannot rely on pain to alert you to cement burns. Portland cement can cause dermatitis or sensitization.

Environmental

Exposure Controls

- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description

Physical Form	Solid	Appearance/Description	White to grey powder with no odor.
Color	White to grey.	Odor	Odourless

Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	2 to 8 Water=1	Water Solubility	Slightly Soluble 0.1 to 1 %
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal temperatures and pressures.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Unintentional contact with water.

Incompatible materials

- Reactive or incompatible with the following materials: oxidizing materials, acids, aluminum and ammonium salt. Portland cement is highly alkaline and will react with acids to produce a violent, heat generating reaction. Toxic gases or vapors may be given off depending on the acid involved. Reacts with acids, aluminum metals and ammonium salts. Aluminum powder and other alkali and alkaline earth elements will react in wet mortar or concrete, liberating hydrogen gas. Limestone ignites on contact with fluorine and is incompatible with acids, alum, ammonium salts, and magnesium. Silica reacts violently with powerful oxidizing agents such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride yielding possible fire and/or explosions. Silicates dissolve readily in hydrofluoric acid producing a corrosive gas-silicon tetrafluoride.

Hazardous decomposition products

- Under normal conditions or storage and use, hazardous decomposition products should not be produced.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Limestone (40% TO 70%)	1317-65-3	Multi-dose Toxicity: Inhalation-Rat TClO • 84 mg/m ³ 4 Hour(s) 40 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration: Fibrosis (interstitial); Liver. Other changes; Kidney, Ureter, and Bladder. Other changes;</i> Inhalation-Rat TClO • 250 mg/m ³ 2 Hour(s) 24 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration: Fibrosis, focal (pneumoconiosis)</i>
Gypsum (< 0.07%)	13397-24-5	Acute Toxicity: Inhalation-Human TClO • 194 g/m ³ 10 Year(s)-Intermittent; <i>Sense Organs and Special Senses: Olfaction: Other changes; Lungs, Thorax, or Respiration: Fibrosing alveolitis; Lungs, Thorax, or Respiration: Other changes;</i> Tumorigenic / Carcinogen: Intraperitoneal-Rat TDLo • 450 mg/kg 3 Week(s)-Intermittent; <i>Tumorigenic: Carcinogenic by RTECS criteria; Tumorigenic: Tumors at site of application</i>

Kwik Mix Hydraulic Cement

Calcium sulfate hemihydrate (9% TO 20%)	10034-76-1	Irritation: Eye-Rabbit • 10 mg • Severe irritation
Magnesium oxide (40% TO 70%)	1309-48-4	Multi-dose Toxicity: Inhalation-Rat TClO • 1000 mg/m ³ 4 Hour(s) 50 Day(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i> Other changes; Blood: Other hemolysis with or without anemia
Crystalline silica (18 TO 100%)	14808-60-7	Acute Toxicity: Inhalation-Human TClO • 16 mppcf 8 Hour(s) 17.9 Year(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i> Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration: Cough; Lungs, Thorax, or Respiration: Dyspnea; Inhalation-Rat TClO • 200 mg/kg; <i>Lungs, Thorax, or Respiration:</i> Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration: Other changes; Nutritional and Gross Metabolic: Changes in Chemistry or Temperature: Fe; Multi-dose Toxicity: Inhalation-Hamster TClO • 3 mg/m ³ 6 Hour(s) 78 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i> Fibrosis (interstitial); Lungs, Thorax, or Respiration: Changes in lung weight; Inhalation-Rat TClO • 80 mg/m ³ 26 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i> Fibrosis, focal (pneumoconiosis); Blood: Changes in spleen; Immunological Including Allergic: Decrease in cellular immune response; Inhalation-Rat TClO • 6.2 mg/m ³ 6 Hour(s) 6 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i> Other changes; Blood: Changes in spleen; Immunological Including Allergic: Increase in cellular immune response; Mutagen: Micronucleus test • Unreported Route-Hamster • Lung (Somatic cell) • 160 µg/cm ³ ; DNA damage • Unreported Route-Human • Other Cell Type • 120 mg/L 24 Hour(s); Micronucleus test • Unreported Route-Human • Lung (Somatic cell) • 40 µg/cm ³ ; Tumorigenic / Carcinogen: Inhalation-Rat TClO • 50 mg/m ³ 6 Hour(s) 71 Week(s)-Intermittent; <i>Tumorigenic: Carcinogenic by RTECS criteria; Liver: Tumors</i>

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 •No data available WHMIS 2015 •No data available
Skin corrosion/Irritation	OSHA HCS 2012 •Skin Corrosion 1C WHMIS 2015 •Skin Corrosion 1C
Serious eye damage/Irritation	OSHA HCS 2012 •Serious Eye Damage 1 WHMIS 2015 •Serious Eye Damage 1
Skin sensitization	OSHA HCS 2012 •Skin Sensitization 1 WHMIS 2015 •Skin Sensitization 1
Respiratory sensitization	OSHA HCS 2012 •Specific Target Organ Toxicity Single Exposure 3:Respiratory Tract Irritation WHMIS 2015 •Specific Target Organ Toxicity Single Exposure 3: Respiratory Tract Irritation
Aspiration Hazard	OSHA HCS 2012 •No data available WHMIS 2015 •No data available
Carcinogenicity	OSHA HCS 2012 •Carcinogenicity 1A WHMIS 2015 •Carcinogenicity 1A
Germ Cell Mutagenicity	OSHA HCS 2012 •No data available WHMIS 2015 •No data available
Toxicity for Reproduction	OSHA HCS 2012 •No data available WHMIS 2015 •No data available
STOT-SE	OSHA HCS 2012 •No data available WHMIS 2015 •No data available
STOT-RE	OSHA HCS 2012 •Specific Target Organ Toxicity Repeated Exposure 1 WHMIS 2015 •Specific Target Organ Toxicity Repeated Exposure 1

Potential Health Effects

Inhalation

Acute (Immediate)

- May cause respiratory tract irritation. Causes damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation or respirable silica from this product can cause silicosis.

Chronic (Delayed) • Repeated or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough. Repeated and prolonged exposure to dust may cause lung effects including pneumoconiosis. Repeated or prolonged exposure may cause damage to the liver.

Skin

Acute (Immediate) • May causes skin irritation. Handling can cause dry skin, discomfort, irritation, and dermatitis. May cause sensitization by skin contact.

Chronic (Delayed) • Product becomes extremely alkaline when exposed to moisture, and can cause alkali burns and affect the mucous membranes. Repeated or prolonged exposure to corrosive materials will cause dermatitis.

Eye

Acute (Immediate) • May cause serious eye damage. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

Chronic (Delayed) • Repeated or prolonged exposure to corrosive materials or fumes may cause conjunctivitis.

Ingestion

Acute (Immediate) • Harmful if swallowed. May cause irreversible damage to mucous membranes.

Chronic (Delayed) • Repeated or prolonged exposure to corrosive materials or fumes may cause gastrointestinal disturbances.

Carcinogenic Effects • Repeated and prolonged exposure may cause cancer.

Carcinogenic Effects				
	CAS	OSHA	IARC	NTP
Chromium, ion (Cr 6+)	18540-29-9	Specifically Regulated Carcinogen	Group 1-Carcinogenic	Not Listed
Crystalline silica	14808-60-7	Not Listed	Group 1-Carcinogenic	Known Human Carcinogen

Key to abbreviations

- LD = Lethal Dose
- TC = Toxic Concentration
- TD = Toxic Dose

Section 12 - Ecological Information

Toxicity

- May cause long-term adverse effects to the aquatic environment. Do not allow undiluted product or large quantities of it to reach ground water, water course of sewage system. Must not reach bodies of water of drainage undiluted or un-neutralized.

Persistence and degradability

- No data available

Bioaccumulative potential

- No data available

Mobility in Soil

- No data available

Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

Waste treatment methods

- Product waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.
- Packaging waste** • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
TDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute, Chronic

Canada

Labor

Canada - WHMIS 1988 - Classifications of Substances

•Gypsum	13397-24-5	Not Listed
•Chromium, ion (Cr 6+)	18540-29-9	Not Listed
•Portland cement	65997-15-1	E
•Calcium sulfate hemihydrate	10034-76-1	E
•Calcium oxide	1305-78-8	E
•Magnesium oxide	1309-48-4	Uncontrolled product according to WHMIS classification criteria
•Limestone	1317-65-3	D2A D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Silica, crystalline, encapsulated on Health Canada's WHMIS Division website.)
•Crystalline silica	14808-60-7	

Canada - WHMIS 1988 - Ingredient Disclosure List

•Gypsum	13397-24-5	Not Listed
•Chromium, ion (Cr 6+)	18540-29-9	Not Listed
•Portland cement	65997-15-1	Not Listed
•Calcium sulfate hemihydrate	10034-76-1	1 %
•Calcium oxide	1305-78-8	1 %
•Magnesium oxide	1309-48-4	1 %
•Limestone	1317-65-3	Not Listed
•Crystalline silica	14808-60-7	1 %

United States**Labor****U.S. - OSHA - Specifically Regulated Chemicals**

•Gypsum	13397-24-5	Not Listed
•Chromium, ion (Cr 6+)	18540-29-9	5 µg/m3 TWA (See 29 CFR 1910.1026); 2.5 µg/m3 Action Level
•Portland cement	65997-15-1	Not Listed
•Calcium sulfate hemihydrate	10034-76-1	Not Listed
•Calcium oxide	1305-78-8	Not Listed
•Magnesium oxide	1309-48-4	Not Listed
•Limestone	1317-65-3	Not Listed
•Crystalline silica	14808-60-7	Not Listed

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

•Chromium, ion (Cr 6+)	18540-29-9	Not Listed
•Portland cement	65997-15-1	Not Listed
•Calcium sulfate hemihydrate	10034-76-1	Not Listed
•Calcium oxide	1305-78-8	Not Listed
•Iron oxide	1309-37-1	Not Listed
•Magnesium oxide	1309-48-4	Not Listed
•Limestone	1317-65-3	Not Listed
•Crystalline silica	14808-60-7	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

•Gypsum	13397-24-5	Not Listed
•Chromium, ion (Cr 6+)	18540-29-9	8.2 µg/day MADL (oral)
•Portland cement	65997-15-1	Not Listed
•Calcium sulfate hemihydrate	1305-62-0	Not Listed
•Calcium oxide	1305-78-8	Not Listed
•Magnesium oxide	1309-48-4	Not Listed
•Limestone	1317-65-3	Not Listed
•Crystalline silica	14808-60-7	Not Listed

Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Revision Date	• 13/December/2023
Last Revision Date	• 13/September/2018
Preparation Date	• 10/September/2018
Disclaimer/Statement of Liability	• The information contained herein is based on data obtained from other companies and organizations and is considered to be accurate. However, Kwik Mix Materials Limited makes no warranty or representation, either expressed or implied, that the information, is accurate, complete or representative. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. Further, Kwik Mix Materials Limited assumes no responsibility for any injury to the buyer, the buyer's employees, or to any third persons, if reasonable safety procedures are not followed. Additionally, Kwik Mix Materials Limited assumes no responsibility for injury to buyer, the buyer's employees, or any to third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.

Key to abbreviations

NDA = No Data Available