

SECTION 1 Identification

1.1. Product identifier

Product form : Mixture
Trade name : 1Trip! Crown Mix

1.2. Other means of identification

No additional information available

1.3. Recommended use of the chemical and restrictions on use

Recommended use : Building and construction work
Restrictions on use : None known

1.4. Supplier's details

SaverSystems, Inc.
800 S. 7th Street
Richmond, IN 47374
U.S.A
T (765) 966-5084 - F (765) 935-4999

1.5. Emergency phone number

Emergency number : Chemtel: 1 (800) 255-3924 (available 24/7)

SECTION 2 Hazard Identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation, Category 1C	H314	Causes severe skin burns and eye damage.
Serious eye damage/eye irritation, Category 1	H318	Causes serious eye damage.
Skin sensitization, Category 1	H317	May cause an allergic skin reaction.
Carcinogenicity, Category 1A	H350	May cause cancer (if inhaled).
Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation	H335	May cause respiratory irritation.

Full text of H statements : see section 16

2.2. Label elements

GHS US labeling

Hazard pictograms (GHS US) :



Signal word (GHS US) :

Danger

Hazard statements (GHS US) :

H314 - Causes severe skin burns and eye damage
H317 - May cause an allergic skin reaction
H335 - May cause respiratory irritation
H350 - May cause cancer (if inhaled).

Precautionary statements (GHS US) :

P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P260 - Do not breathe dusts or mists.

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear eye protection, protective clothing, protective gloves, face protection.
P301+P330+P331 - If swallowed: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
Wash contaminated clothing before reuse.
P304+P340 - If inhaled: Remove person to fresh air and keep 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.
P310 - Immediately call a POISON CENTER or doctor/physician.
P308+P313 - If exposed or concerned: Get medical advice/attention.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P501 - Dispose of contents and container to an approved waste disposal plant.

2.3. Hazards associated with known or reasonably anticipated uses

None known

2.4. Hazards not otherwise classified

Other hazards which do not result in classification : None known.

2.5. Unknown acute toxicity

No additional information available

SECTION 3 Composition/information on ingredients

Mixtures

Name	Product identifier	Conc. (% w/w)
Portland Cement	CAS-No.: 65997-15-1	30 – 50
Calcium Carbonate	CAS-No.: 1317-65-3	30 – 50
Magnesium oxide	CAS-No.: 1309-48-4	5 – 10
Calcium distearate	CAS-No.: 1592-23-0	1 – 5
Silicon Dioxide, Quartz	CAS-No.: 14808-60-7	0.1 – 1

Full text of hazard classes and H-statements : see section 16

SECTION 4 First aid measures

4.1. Description of necessary first-aid measures

First-aid measures general : IF exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation : Move the affected person to fresh air. Get medical attention if symptoms occur.
First-aid measures after skin contact : Take off contaminated clothing. Immediately flush skin with plenty of water for at least 15 minutes. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical advice/attention.
First-aid measures after ingestion : Rinse mouth out with water. Do not induce vomiting. Seek immediate medical advice.
Personal protection for first-aid responders. : First-aiders should consider self-protection and use the recommended personal protective equipment (see section 8).

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

4.2. Most important symptoms/effects, acute and delayed

Inhalation	: May cause respiratory irritation.
Skin	: May cause burns. May cause an allergic skin reaction.
Eyes	: Serious damage to eyes. Permanent eye damage is possible.
Ingestion	: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic symptoms	: May cause cancer by inhalation.

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

Other medical advice or treatment	: Immediate medical attention is required for eye contact.
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SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: None.

5.2. Specific hazards arising from the chemical

Fire hazard	: This product is not classified as flammable or combustible.
Hazardous decomposition products in case of fire	: None known.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures	: Wear suitable protective clothing. Avoid contact with eyes, skin and clothing.
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For non-emergency personnel

Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe Dust.
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For emergency responders

Protective equipment	: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".
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Environmental precautions	: Avoid release to the environment. Notify authorities if product enters sewers or public waters.
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6.2. Methods and materials for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Avoid dispersal of dust in the air (i.e, clearing dusty surfaces with compressed air). Carefully shovel or sweep up spilled material and place in suitable container. Avoid raising powdered materials into airborne dust.
Other information	: Place in a suitable container for disposal in accordance with the waste regulations (see Section 13).

For further information refer to section 8: "Exposure controls/personal protection"

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Provide local exhaust or general room ventilation. Wear personal protective equipment. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Wash hands with water and soap. Contaminated work clothing should not be allowed out of the workplace.
Technical measures	: In the USA, refer to the applicable OSHA Standard. 29 CFR 1910.1053 Respirable Crystalline Silica. (a) Scope and application. (1) This section applies to all occupational exposures to respirable crystalline silica, except: (i) Construction work as defined in 29 CFR 1910.12(b) (occupational exposures to respirable crystalline silica in construction work are covered under 29 CFR 1926.1153); (ii) Agricultural operations covered under 29 CFR part 1928; and (iii) Exposures that result from the processing of sorptive clays.
Hygiene measures	: Separate working clothes from town clothes. Launder separately. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including incompatibilities

Storage conditions	: Store locked up. Store in a well-ventilated place. Keep container tightly closed. Keep dry.
Incompatible materials	: Keep away from strong acids and strong oxidizers. Contact with hydrofluoric acid can dissolve constituents of the product and produce a corrosive gas. Contact with aluminum powder and other alkaline earth elements may liberate flammable hydrogen gas.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

Silicon Dioxide, Quartz (14808-60-7)	
USA - ACGIH® - Threshold Limit Values	
Local name	Silica crystalline - quartz
ACGIH® TLV® TWA	0.025 mg/m ³ (R - Respirable particulate matter)
Remark (ACGIH®)	TLV® Basis: Pulm fibrosis; lung cancer. Notations: A2 (Suspected Human Carcinogen)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Quartz (Respirable) (Silica: Crystalline)
OSHA PEL (TWA)	0.05 mg/m ³ respirable dust
Remark (OSHA)	Table Z-3. For OSHA PEL (TWA): Use formulas: (250 / (%SiO ₂ +5)) for mppcf and (10 mg/m ³ / (%SiO ₂ +2)) for mg/m ³ . CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-3 Mineral Dusts
Portland Cement (65997-15-1)	
USA - ACGIH® - Threshold Limit Values	
Local name	Portland cement
ACGIH® TLV® TWA	1 mg/m ³ (E - The value is for particulate matter containing no asbestos and < 1 % crystalline silica, R - Respirable particulate matter)

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Portland Cement (65997-15-1)	
Remark (ACGIH®)	TLV® Basis: Pulm func; resp symptoms; asthma. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Portland cement
OSHA PEL (TWA)	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction) 50 mppcf (Silicates (less than 1% crystalline silica))
Remark (OSHA)	Table Z-3. CAS No. source: eCFR Table Z-1.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1 and OSHA Annotated Table Z-3 Mineral Dusts
Calcium Carbonate (1317-65-3)	
USA - OSHA - Occupational Exposure Limits	
Local name	Calcium Carbonate (Limestone; Marble)
OSHA PEL (TWA)	15 mg/m ³ (Total dust) 5 mg/m ³ (Respirable fraction)
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Magnesium oxide (1309-48-4)	
USA - ACGIH® - Threshold Limit Values	
Local name	Magnesium oxide
ACGIH® TLV® TWA	10 mg/m ³ (I - Inhalable particulate matter)
Remark (ACGIH®)	TLV® Basis: URT; metal fume fever. Notations: A4 (Not classifiable as a Human Carcinogen)
Regulatory reference	ACGIH 2024
USA - OSHA - Occupational Exposure Limits	
Local name	Magnesium oxide fume - Total Particulate
OSHA PEL (TWA)	15 mg/m ³
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

- Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use with adequate general or local exhaust ventilation to maintain exposure levels below the occupational exposure limits.
- Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures, such as personal protective equipment

Hand protection:
Wear impervious gloves. Contact your glove supplier for selection assistance.
Eye protection:
Wear goggles and a face shield.
Skin and body protection:
Wear suitable protective clothing

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Respiratory protection:

In operations where exposure limits are exceeded or exposure levels are excessive, an approved respirator should be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice. In the USA, refer to the applicable OSHA Standard. 29 CFR 1910.1053 Respirable Crystalline Silica.

(a) Scope and application. (1) This section applies to all occupational exposures to respirable crystalline silica, except:

(i) Construction work as defined in 29 CFR 1910.12(b) (occupational exposures to respirable crystalline silica in construction work are covered under 29 CFR 1926.1153);

(ii) Agricultural operations covered under 29 CFR part 1928; and

(iii) Exposures that result from the processing of sorptive clays

SECTION 9 Physical and chemical properties

9.1. Basic physical and chemical properties

Physical state	: Solid
Appearance	: Gray. Solid.
Color	: Gray
Odor	: Odorless
Odor threshold	: No data available
pH	: No data available
pH solution	: In water
Melting point	: No data available
Freezing point	: Not applicable
Boiling point	: No data available
Flash point	: Not applicable
Flammability (solid, gas)	: Non flammable.
Vapor pressure	: Not applicable
Relative vapor density at 20°C	: Not applicable
Relative density	: No data available
Density	: 1 g/cm ³
Solubility	: Insoluble in water.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Auto-ignition temperature	: Not applicable
Decomposition temperature	: No data available
Viscosity, kinematic	: Not applicable
Explosion limits	: Not applicable
Explosive properties	: None.
Oxidizing properties	: None.
Particle characteristics	: No data available

9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

SECTION 10 Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials

Acids. Strong oxidizers.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Carbon oxides (CO, CO₂). Oxides of silicon. Sulfur dioxide. Metal oxides.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Silicon Dioxide, Quartz (14808-60-7)

LD50 oral rat	> 22500 mg/kg
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Calcium distearate (1592-23-0)

LD50 oral rat	> 2000 mg/kg body weight Animal: rat, Animal sex: female, Guideline: OECD Guideline 420 (Acute Oral Toxicity - Fixed Dose Method)
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LD50 dermal rat	> 2000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity), Guideline: EU Method B.3 (Acute Toxicity (Dermal))
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Magnesium oxide (1309-48-4)

LD50 oral rat	3870 mg/kg
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Skin corrosion/irritation : Causes severe skin burns.

Calcium distearate (1592-23-0)

pH	6.86 Temp.: 29 °C Concentration: 1 vol%
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Serious eye damage/irritation : Causes serious eye damage.

Calcium distearate (1592-23-0)

pH	6.86 Temp.: 29 °C Concentration: 1 vol%
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Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : May cause cancer (if inhaled).

Silicon Dioxide, Quartz (14808-60-7)

IARC group	1 - Carcinogenic to humans
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National Toxicity Program (NTP) Status	Known Human Carcinogens
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Reproductive toxicity : Not classified

STOT-single exposure : May cause respiratory irritation.

Portland Cement (65997-15-1)

STOT-single exposure	May cause respiratory irritation.
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STOT-repeated exposure : Not classified

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Silicon Dioxide, Quartz (14808-60-7)

Additional information	lungs
STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.

Calcium distearate (1592-23-0)

NOAEL (oral,rat,90 days)	1000 mg/kg body weight Animal: rat, Guideline: OECD Guideline 407 (Repeated Dose 28-Day Oral Toxicity Study in Rodents)
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Aspiration hazard : Not classified

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Viscosity, kinematic	Not applicable
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Inhalation : May cause respiratory irritation.
Skin : May cause burns. May cause an allergic skin reaction.
Eyes : Serious damage to eyes. Permanent eye damage is possible.
Ingestion : May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Burns or irritation of the linings of the mouth, throat, and gastrointestinal tract.
Chronic symptoms : May cause cancer by inhalation.

SECTION 12 Ecological information

12.1. Ecotoxicity

Ecology - general : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Hazardous to the aquatic environment, short-term (acute) : Not classified
Hazardous to the aquatic environment, long-term (chronic) : Not classified

Silicon Dioxide, Quartz (14808-60-7)

LC50 - Fish [1]	> 10000 mg/l
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Calcium distearate (1592-23-0)

LC50 - Fish [1]	> 100 mg/l
EC50 - Crustacea [1]	> 100 mg/l
EC50 72h - Algae [1]	> 100 mg/l
NOEC chronic fish	> 0.5 mg/l Test organisms (species): other: Duration: '14 d'

12.2. Persistence and degradability

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Persistence and degradability	Biodegradation is not applicable to inorganic compounds.
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Silicon Dioxide, Quartz (14808-60-7)

Persistence and degradability	Biodegradation is not applicable to inorganic compounds.
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Portland Cement (65997-15-1)

Persistence and degradability	Biodegradation is not applicable to inorganic compounds.
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Calcium Carbonate

Persistence and degradability	Biodegradation is not applicable to inorganic compounds.
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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Calcium distearate (1592-23-0)	
Persistence and degradability	Readily biodegradable.

Magnesium oxide (1309-48-4)	
Persistence and degradability	Biodegradation is not applicable to inorganic compounds.

12.3. Bioaccumulative potential

Silicon Dioxide, Quartz (14808-60-7)	
Bioaccumulative potential	Not potentially bioaccumulable.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

Ozone : Not classified
Fluorinated greenhouse gases : No

SECTION 13 Disposal considerations

Regional waste regulation : Dispose of in accordance with applicable federal, state, and local regulations.
Waste treatment methods : Do not discharge into drains or the environment.

SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated	Not applicable	Not regulated	Not regulated
14.2. Proper Shipping Name			
Not regulated	Not applicable	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not applicable	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not applicable	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not applicable	Not regulated	Not regulated
No supplementary information available			

14.6. Transport in bulk

Not applicable

14.7. Special precautions for user

DOT
Not regulated

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

TDG

Not applicable

IMDG

Not regulated

IATA

Not regulated

SECTION 15 Regulatory information

15.1. Federal regulations

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SARA Section 311/312 Hazard Classes	Refer to Section 2 for OSHA Hazard Classification.
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All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory.

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

Silicon Dioxide, Quartz (14808-60-7)

Listed on the Canadian DSL (Domestic Substances List)

Portland Cement (65997-15-1)

Listed on the Canadian DSL (Domestic Substances List)

Calcium Carbonate

Listed on the Canadian NDSL (Non-Domestic Substances List)

Calcium distearate (1592-23-0)

Listed on the Canadian DSL (Domestic Substances List)

Magnesium oxide (1309-48-4)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Silicon Dioxide, Quartz (14808-60-7)

Listed on IARC (International Agency for Research on Cancer)
Listed as carcinogen on NTP (National Toxicology Program)
Listed on INSQ (Mexican National Inventory of Chemical Substances)

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According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)


Portland Cement (65997-15-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Calcium distearate (1592-23-0)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. State regulations

 **WARNING:** This product can expose you to Crystalline Silica-Quartz, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component	State or local regulations
Silicon Dioxide, Quartz(14808-60-7)	U.S. - New Jersey - Right to Know Hazardous Substance List
Portland Cement(65997-15-1)	U.S. - New Jersey - Right to Know Hazardous Substance List
Calcium Carbonate(1317-65-3)	U.S. - New Jersey - Right to Know Hazardous Substance List
Magnesium oxide(1309-48-4)	U.S. - New Jersey - Right to Know Hazardous Substance List

SECTION 16 Other information

According to 29CFR 1910.1200 OSHA Hazard Communication Standard (HCS 2024) and the Hazardous Products Regulation (WHMIS 2015 rev 2022)

Revision date : 12/21/2025

Issue date : 6/23/2025

Full text of hazard classes and H-statements

H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H335	May cause respiratory irritation
H350	May cause cancer.

Indication of changes:

Composition/Information on ingredients. Physical and chemical properties. First aid measures. Hazards identification. Toxicological information.

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.