# SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION

**Product identifier used on the label**

: **Rebotec Waterproof**

**Product Code(s)** : Not available.

**Recommended use of the chemical and restrictions on use**

: Powder additive to waterproofing concrete and mortars
No restrictions on use known.

**Chemical family** : Mixture

**Name, address, and telephone number of the supplier:**

**Rebotec America LLC**

13008 Newport Beach
Newport Beach, CA, USA
92660

Supplier's Telephone # : (949) 402-3499

**24 Hr. Emergency Tel #** : (949) 402-3499

**Name, address, and telephone number of the manufacturer:**

Refer to supplier

## SECTION 2. HAZARDS IDENTIFICATION

**Classification of the chemical**

Powder. Gray/White Color. Odorless.

Most important hazards:
May cause severe irritation or burns to the eyes, skin, gastrointestinal tract, and respiratory system. May cause an allergic skin reaction. Occupational exposure to the substance or mixture may cause adverse effects. For further information, please refer to section 11 of the SDS.
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. See Section 12 for more environmental information.

This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:
Skin corrosion/irritation - Category 1
Eye damage/irritation - Category 1
Skin sensitization - Category 1
Specific target organ toxicity, single exposure - Category 3 (Respiratory irritation)

**Label elements**

*Hazard pictogram(s)*

*Signal Word*

DANGER!

*Hazard statement(s)*

Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
May cause respiratory irritation.

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*Precautionary statement(s)*

Do not breathe dust or mist.
Wash exposed skin thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Wear protective gloves/clothing and eye/face protection.

Immediately call a POISON CENTER or doctor/physician.
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Store in a well-ventilated place. Keep container tightly closed.
Store locked up.

Dispose of contents/container in accordance with local regulation.

**Other hazards**

Other hazards which do not result in classification:
Contact with water may cause hydration, and formation of caustic alkaline material. Absorbs moisture from the air. Hardens over time in moist conditions. When in solution, may corrode aluminum. Contact with some reactive metals may produce flammable hydrogen gas. There is a potential for static buildup and static discharge when transferring cement powders through a nonconductive plastic conveyance system. Static discharge may result in damage/injury to workers or equipment. May cause severe irritation and corrosive damage in the mouth, throat and stomach.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

| Chemical name | Common name and synonyms | CAS # | Concentration (% by weight) |
|---|---|---|---|
| **Portland cement** | Hydraulic cement<br>Cement, portland, chemicals | 65997-15-1 | **45.0 - 70.0** |
| **Calcium carbonate** | Limestone<br>Aragonite | 1317-65-3 | **5.0 - 10.0** |
| **Calcium hydroxide** | Slaked lime<br>Calcium hydrate | 1305-62-0 | **15.0 - 40.0** |

The exact concentrations of the above listed chemicals are being withheld as a trade secret.

## SECTION 4. FIRST-AID MEASURES

**Description of first aid measures**

*Ingestion* : IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Immediately call a POISON CENTER or doctor/physician.

*Inhalation* : IF INHALED: Remove person to fresh air and keep comfortable for breathing. If breathing has stopped, give artificial respiration. If breathing is difficult, give oxygen by qualified medical personnel only. Immediately call a POISON CENTER or doctor/physician.

*Skin contact* : Gently blot or brush away excess chemical. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Thoroughly wash with lukewarm, gently flowing water and a mild, pH neutral soap. Seek medical attention for rashes, burns, irritation, dermatitis and prolonged unprotected exposures to wet cement, cement mixtures or liquids from wet cement. Immediately call a POISON CENTER or doctor/physician.

*Eye contact* : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 20 minutes. Immediately call a POISON CENTER or doctor/physician. Take care not to rinse contaminated water into unaffected eyes or onto the face.

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**Most important symptoms and effects, both acute and delayed**

: May cause severe irritation or burns to the skin. Contact with wet material, or moist areas of the skin, causes skin burns. Symptoms may include blistering, ulcerations and scarring. Symptoms may be delayed. Wet product causes burns with little warning. May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema.
Causes serious eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage.
Inhalation can cause severe respiratory irritation. Symptoms may include coughing, choking and wheezing.
May cause severe irritation and corrosive damage in the mouth, throat and stomach. Symptoms may include severe abdominal pain, vomiting, burns and bleeding.

**Indication of any immediate medical attention and special treatment needed**

: Immediate medical attention is required. Causes burns.
Provide general supportive measures and treat symptomatically.

## SECTION 5. FIRE-FIGHTING MEASURES

**Extinguishing media**

*Suitable extinguishing media*

: Use media suitable to the surrounding fire such as water fog or fine spray, alcohol foams, carbon dioxide and dry chemical.

*Unsuitable extinguishing media*

: Use water spray with caution.

**Special hazards arising from the substance or mixture / Conditions of flammability**

: Not considered flammable. Contact with water gives off heat. Contact with water may cause hydration, and formation of caustic alkaline material. Contact with some reactive metals may produce flammable hydrogen gas. There is a potential for static buildup and static discharge when transferring cement powders through a nonconductive plastic conveyance system. Static discharge may result in damage/injury to workers or equipment.

**Flammability classification (OSHA 29 CFR 1910.106)**

: Not flammable.

**Hazardous combustion products**

: Calcium oxides; Other irritating fumes and smoke.

**Special protective equipment and precautions for firefighters**

*Protective equipment for fire-fighters*

: Firefighters should wear proper protective equipment and self-contained breathing apparatus with full face piece operated in positive pressure mode. Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

*Special fire-fighting procedures*

: Move containers from fire area if safe to do so. Water spray may be useful in cooling equipment exposed to heat and flame. Do not allow run-off from fire fighting to enter drains or water courses. Dike for water control.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

: All persons dealing with the clean-up should wear the appropriate personal protective equipment. Isolate the hazard area. Keep all other personnel upwind and away from the spill/release. Restrict access to area until completion of clean-up. Do not touch or walk through spilled material. Refer to protective measures listed in sections 7 and 8.

**Environmental precautions** : Ensure spilled product does not enter drains, sewers, waterways, or confined spaces.

**Methods and material for containment and cleaning up**

: Ventilate the area. Prevent further leakage or spillage if safe to do so. Eliminate all ignition sources. Using HEPA vacuum, or other dustless methods, gather up spilled material and place in suitable container for later disposal (see section 13). Avoid adding water, material becomes alkaline when wet. Scrape up wet material and place in an appropriate container. Allow the material to dry before disposing. Contact the proper local authorities.

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**Special spill response procedures**

: If a spill/release in excess of the EPA reportable quantity is made into the environment, immediately notify the national response center in the United States (phone: 1-800-424-8802).
US CERCLA Reportable quantity (RQ): See section 15.

In Canada: Contact appropriate local and provincial environmental authorities for assistance and/or reporting requirements.

## SECTION 7. HANDLING AND STORAGE

**Precautions for safe handling**

: Training the workers on the potential health hazards associated with product vapor, dust or fume is important. Secondary inhalation exposures could occur when cleaning equipment, or when removing or laundering the clothing.
Persons with recurrent skin eczema or sensitization problems should be excluded from working with this product. Once a person is sensitized, no further exposure to the material that caused the sensitization should be permitted.
Use only outdoors or in a well-ventilated area. Wear protective equipment during handling. Wear protective gloves/clothing and eye/face protection. Do not breathe dust or mist. Avoid contact with skin, eyes and clothing. Keep away from extreme heat and direct flame. There is a potential for static buildup and static discharge when transferring cement powders through a nonconductive plastic conveyance system. Static discharge may result in damage/injury to workers or equipment. Use good grounding techniques. Avoid unintentional exposure to water. Use caution when adding water and ensure that users of this product are properly protected. Avoid and control operations which create dust. Keep away from acids and other incompatibles. Keep container tightly closed when not in use. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Cement can buildup or adhere to the walls of a confined space. The cement can release, collapse or fall unexpectedly. To prevent burial or suffocation, do not enter a confined space, such as a silo, bin, bulk truck, or other storage container or vessel that stores or contains cement.

**Conditions for safe storage** : Store in a cool, dry, well-ventilated area. Store away from incompatible materials. Keep containers dry and tightly closed to avoid moisture absorption and contamination. Store locked up. Storage area should be clearly identified, clear of obstruction and accessible only to trained and authorized personnel. Inspect periodically for damage or leaks.

**Incompatible materials** : Strong acids; Strong oxidizing agents; Hydrofluoric acid; Ammonium salts; Metals (e.g. tin, aluminum, zinc and alloys containing these metals). Avoid unintentional exposure to water.

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Exposure Limits:**

| Chemical Name | ACGIH TLV | | OSHA PEL | |
|---|---|---|---|---|
| | TWA | STEL | PEL | STEL |
| Portland cement | 1 mg/m³ (respirable) | N/Av | 15 mg/m³ (total dust); 5 mg/m³ (respirable) | N/Av |
| Calcium carbonate | N/Av | N/Av | 15 mg/m³ (total dust); 5 mg/m³ (respirable) | N/Av |
| Calcium hydroxide | 5 mg/m³ | N/Av | 15 mg/m³ (total dust); 5 mg/m³ (respirable) | N/Av |

**Exposure controls**

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**Ventilation and engineering measures**
: Use only outdoors or in a well-ventilated area. Apply technical measures to comply with the occupational exposure limits. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. Good general ventilation (typically 10 air changes per hour) should be used. In case of insufficient ventilation wear suitable respiratory equipment.

**Respiratory protection** : Respiratory protection must be worn wherever inhalation of particulates if possible. Where occupational exposure limits are exceeded, wear a suitable, NIOSH-approved particulate respirators (N95 or better). Respirators should be selected based on the form and concentration of contaminants in air, and in accordance with OSHA (29 CFR 1910.134) or CSA Z94.4-02.

**Skin protection** : Wear protective gloves/clothing. The suitability for a specific workplace should be discussed with the producers of the protective gloves. Wear resistant clothing and boots.

**Eye / face protection** : Wear chemical splash goggles to prevent dusts from entering the eyes. A full face shield may also be necessary.

**Other protective equipment** : An eyewash station and safety shower should be made available in the immediate working area. Other equipment may be required depending on workplace standards.

**General hygiene considerations**
: Do not breathe dust or mist. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities. Remove soiled clothing and wash it thoroughly before reuse. Contaminated work clothing must not be allowed out of the workplace. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance** : Powder. Gray/White Color
**Odour** : No odour.
**Odour threshold** : N/Av
**pH** : 12
**Melting/Freezing point** : N/Av
**Initial boiling point and boiling range**
: N/Ap
**Flash point** : N/Ap
**Flashpoint (Method)** : N/Ap
**Evaporation rate (BuAe = 1)** : N/Ap
**Flammability (solid, gas)** : Not flammable.
**Lower flammable limit (% by vol.)**
: N/Ap
**Upper flammable limit (% by vol.)**
: N/Ap
**Oxidizing properties** : None known.
**Explosive properties** : Not explosive
**Vapour pressure** : N/Ap
**Vapour density** : N/Ap
**Relative density / Specific gravity**
: 2.5 (water = 1)
**Solubility in water** : Insoluble.
**Other solubility(ies)** : Not available.
**Partition coefficient: n-octanol/water or Coefficient of water/oil distribution**
: N/Av
**Auto-ignition temperature** : N/Av
**Decomposition temperature** : N/Av
**Viscosity** : N/Ap
**Volatiles (% by weight)** : N/Ap
**Volatile organic Compounds (VOC's)**
: N/Ap

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**Absolute pressure of container**
: N/Ap

**Flame projection length** : N/Ap

**Other physical/chemical comments**
: No additional information.

## SECTION 10. STABILITY AND REACTIVITY

**Reactivity** : Contact with water gives off heat. Contact with water may cause hydration, and formation of caustic alkaline material. Reacts with water to form silicates and calcium hydroxide. Silicates react with powerful oxidizers such as fluorine, boron trifluoride, chlorine trifluoride, manganese trifluoride, and oxygen difluoride. Dissolves in hydrofluoric acid, producing corrosive silicon tetrafluoride gas. Aqueous solutions may react with some metals (e.g. Aluminum, zinc, tin and their alloys) to release flammable hydrogen gas. When in solution, may corrode aluminum.

**Chemical stability** : Stable under normal conditions. Absorbs moisture from the air. Hardens over time in moist conditions.

**Possibility of hazardous reactions**
: Hazardous polymerization does not occur. No dangerous reaction known under conditions of normal use.

**Conditions to avoid** : Ensure adequate ventilation, especially in confined areas. Avoid contact with incompatible materials. Avoid heat and open flame.

**Incompatible materials** : Strong acids; Strong oxidizing agents; Hydrofluoric acid; Ammonium salts; Metals (e.g. tin, aluminum, zinc and alloys containing these metals). Avoid unintentional exposure to water.

**Hazardous decomposition products**
: None known, refer to hazardous combustion products in Section 5.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure:

**Routes of entry inhalation** : YES

**Routes of entry skin & eye** : YES

**Routes of entry Ingestion** : YES

**Routes of exposure skin absorption**
: NO

### Potential Health Effects:

**Signs and symptoms of short-term (acute) exposure**

*Sign and symptoms Inhalation*
: Inhalation can cause severe respiratory irritation. Symptoms may include coughing, choking and wheezing.

*Sign and symptoms ingestion*
: May cause severe irritation and corrosive damage in the mouth, throat and stomach. Symptoms may include severe abdominal pain, vomiting, burns and bleeding.

*Sign and symptoms skin* : May cause severe irritation or burns to the skin. Contact with wet material, or moist areas of the skin, causes skin burns. Symptoms may include blistering, ulcerations and scarring. Symptoms may be delayed. Wet product causes burns with little warning.

*Sign and symptoms eyes* : Causes serious eye damage. Symptoms may include severe pain, blurred vision, redness and corrosive damage.

**Potential Chronic Health Effects**
: Prolonged inhalation may cause adverse lung effects with symptoms including coughing, mucous production and difficulty breathing.

**Mutagenicity** : No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

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**Carcinogenicity** : No components are listed as carcinogens by ACGIH, IARC, OSHA or NTP.

**Reproductive effects & Teratogenicity**

: This product is not expected to cause reproductive or developmental effects.

**Sensitization to material** : This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:
Skin sensitization - Category 1. May cause an allergic skin reaction. May cause severe skin sensitization with allergic contact dermatitis symptoms such as swelling, rash and eczema. Allergic contact dermatitis is caused by sensitization to hexavalent chromium (chromate) present in cement. This product contains trace levels of hexavalent chromium (Chromium VI). A reduction of Cr(VI) compounds in this material, by the addition of a soluble Cr VI reducing agent, to less than 2 ppm will reduce the prevalence of allergic eczema.

Not expected to be a respiratory sensitizer.

**Specific target organ effects** : This material is classified as hazardous under U.S. OSHA regulations (29CFR 1910.1200) (Hazcom 2012) and Canadian WHMIS regulations (Hazardous Products Regulations) (WHMIS 2015). Classification:
Specific target organ toxicity, single exposure - Category 3. May cause respiratory irritation.

**Medical conditions aggravated by overexposure**

: Pre-existing skin, eye and respiratory disorders.

**Synergistic materials** : No information available.

**Toxicological data** : Not classified for acute toxicity based on available data.
There is no available data for the product itself, only for the ingredients. See below for individual ingredient acute toxicity data.

| | $LC_{50}$(4hr) | $LD_{50}$ | |
|---|---|---|---|
| **Chemical name** | **inh, rat** | **(Oral, rat)** | **(Rabbit, dermal)** |
| Portland cement | N/Av | N/Av | > 2000 mg/kg (No mortality) |
| Calcium carbonate | > 3 mg/L (aerosol) (No mortality) | 6450 mg/kg | > 2000 mg/kg (No mortality) |
| Calcium hydroxide | N/Av | 7340 mg/kg | > 2500 mg/kg (No mortality) |

**Other important toxicological hazards**

: None known or reported by the manufacturer.

## SECTION 12. ECOLOGICAL INFORMATION

**Ecotoxicity** : No data is available on the product itself. The product should not be allowed to enter drains or water courses, or be deposited where it can affect ground or surface waters. An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Large or frequent spills can have a harmful or damaging effect on the environment. Because of the high pH of this product, it would be expected to produce significant ecotoxicity upon exposure to aquatic organisms and aquatic systems.

See the following tables for individual ingredient ecotoxicity data.

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*Ecotoxicity data:*

| Ingredients | CAS No | Toxicity to Fish | | |
|---|---|---|---|---|
| | | LC50 / 96h | NOEC / 21 day | M Factor |
| Portland cement | 65997-15-1 | N/Av | N/Av | None. |
| Calcium carbonate | 1317-65-3 | > 100 mg/L (Rainbow trout) | N/Av | None. |
| Calcium hydroxide | 1305-62-0 | 50.6 mg/L (Rainbow trout) | N/Av | None. |

| Ingredients | CAS No | Toxicity to Daphnia | | |
|---|---|---|---|---|
| | | EC50 / 48h | NOEC / 21 day | M Factor |
| Portland cement | 65997-15-1 | N/Av | N/Av | None. |
| Calcium carbonate | 1317-65-3 | > 100 mg/L (Daphnia magna) | N/Av | None. |
| Calcium hydroxide | 1305-62-0 | 49.1 mg/L (Daphnia magna) | N/Av | None. |

| Ingredients | CAS No | Toxicity to Algae | | |
|---|---|---|---|---|
| | | EC50 / 96h or 72h | NOEC / 96h or 72h | M Factor |
| Portland cement | 65997-15-1 | N/Av | N/Av | None. |
| Calcium carbonate | 1317-65-3 | > 14 mg/L/72hr (Green algae) | 14 mg/L/72hr | None. |
| Calcium hydroxide | 1305-62-0 | 184.57 mg/L/72hr (Green algae) | 48 mg/L/72hr | None. |

**Persistence and degradability**

: Not expected to be rapidly biodegradable.

**Bioaccumulation potential** : No data is available on the product itself. See the following data for ingredient information.

| Components | Partition coefficient n-octanol/water (log Kow) | Bioconcentration factor (BCF) |
|---|---|---|
| Calcium hydroxide (CAS 1305-62-0) | N/Ap | no bioaccumulation |

**Mobility in soil** : No data is available on the product itself.

**Other Adverse Environmental effects**

: No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## SECTION 13. DISPOSAL CONSIDERATIONS

**Handling for Disposal** : Handle in accordance with good industrial hygiene and safety practice. Refer to protective measures listed in sections 7 and 8. This material and its container must be disposed of in a safe way.
Empty containers retain residue and can be dangerous. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**Methods of Disposal** : Dispose in accordance with all applicable federal, state, provincial and local regulations.

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**RCRA** : If this product, as supplied, becomes a waste in the United States, it may meet the criteria of a hazardous waste as defined under RCRA, Title 40 CFR 261. It is the responsibility of the waste generator to determine the proper waste identification and disposal method. For disposal of unused or waste material, check with local, state and federal environmental agencies.

## SECTION 14. TRANSPORT INFORMATION

| Regulatory Information | UN Number | UN proper shipping name | Transport hazard class(es) | Packing Group | Label |
|---|---|---|---|---|---|
| TDG | None. | Not regulated. | not regulated | none |  |
| **TDG Additional information** | None. | | | | |
| 49CFR/DOT | None. | Not regulated. | not regulated | none |  |
| **49CFR/DOT Additional information** | None. | | | | |
| ICAO/IATA | None. | Not regulated. | not regulated | none |  |
| **ICAO/IATA Additional information** | None. | | | | |
| IMDG | None. | Not regulated. | not regulated | none |  |
| **IMDG Additional information** | None. | | | | |

**Special precautions for user** : Appropriate advice on safety must accompany the package. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

**Environmental hazards** : This product does not meet the criteria for an environmentally hazardous mixture, according to the IMDG Code. See Section 12 for more environmental information.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

: No information available.

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## SECTION 15 - REGULATORY INFORMATION

**US Federal Information:**

Components listed below are present on the following U.S. Federal chemical lists:

| Ingredients | CAS # | TSCA Inventory | CERCLA Reportable Quantity(RQ) (40 CFR 117.302): | SARA TITLE III: Sec. 302, Extremely Hazardous Substance, 40 CFR 355: | SARA TITLE III: Sec. 313, 40 CFR 372, Specific Toxic Chemical | |
|---|---|---|---|---|---|---|
| | | | | | Toxic Chemical | de minimus Concentration |
| Portland cement | 65997-15-1 | Yes | None. | None. | No | N/Ap |
| Calcium carbonate | 1317-65-3 | Yes | None. | None. | No | N/Ap |
| Calcium hydroxide | 1305-62-0 | Yes | None. | None. | No | N/Ap |

SARA TITLE III: Sec. 311 and 312, SDS Requirements, 40 CFR 370 Hazard Classes:
Health hazards (Skin corrosion; Eye Damage; Skin sensitization; ; Specific target organ toxicity, single exposure).
Under SARA Sections 311 and 312, the EPA has established threshold quantities for the reporting of hazardous chemicals. The current thresholds are 500 pounds or the threshold planning quantity (TPQ), whichever is lower, for extremely hazardous substances and 10,000 pounds for all other hazardous chemicals.

**US State Right to Know Laws:**

The following chemicals are specifically listed by individual States:

| Ingredients | CAS # | California Proposition 65 | | State "Right to Know" Lists | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Listed | Type of Toxicity | CA | MA | MN | NJ | PA | RI |
| Portland cement | 65997-15-1 | No | N/Ap | No | Yes | Yes | Yes | Yes | Yes |
| Calcium carbonate | 1317-65-3 | No | N/Ap | No | Yes | Yes | Yes | Yes | Yes |
| Calcium hydroxide | 1305-62-0 | No | N/Ap | Yes | Yes | Yes | Yes | Yes | Yes |

**Canadian Information:**

Canadian Environmental Protection Act (CEPA) information: All ingredients listed appear on the Domestic Substances List (DSL).
WHMIS information: Refer to Section 2 for a WHMIS Classification for this product.

**International Information:**

Components listed below are present on the following International Inventory list:

| Ingredients | CAS # | European EINECs | Australia AICS | Philippines PICCS | Japan ENCS | Korea KECI/KECL | China IECSC | NewZealand IOC |
|---|---|---|---|---|---|---|---|---|
| Portland cement | 65997-15-1 | 266-043-4 | Present | Not listed | Not listed | KE-29067 | Present | May be used as a single component chemical under an appropriate group standard. |
| Calcium carbonate | 1317-65-3 | 215-279-6 | Present | Present | (1)-122 | KE-21996 | Present | May be used as a single component chemical under an appropriate group standard. |
| Calcium hydroxide | 1305-62-0 | 215-137-3 | Present | Present | (1)-181 | KE-04518 | Present | HSR002925, HSC000322 |

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## SECTION 16. OTHER INFORMATION

**Legend** : ACGIH: American Conference of Governmental Industrial Hygienists
AICS: Australian Inventory of Chemical Substances
CA: California
CAS: Chemical Abstract Services
CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CFR: Code of Federal Regulations
DOT: Department of Transportation
ENCS: Existing and New Chemical Substances
EPA: Environmental Protection Agency
HMIS: Hazardous Materials Identification System
HSDB: Hazardous Substances Data Bank
IARC: International Agency for Research on Cancer
IATA: International Air Transport Association
ICAO: International Civil Aviation Organisation
IMDG: International Maritime Dangerous Goods
Inh: Inhalation
IOC: Inventory of Chemicals
IUCLID: International Uniform Chemical Information Database
KECI: Korean Existing Chemicals Inventory
KECL: Korean Existing Chemicals List
LC: Lethal Concentration
LD: Lethal Dose
MA: Massachusetts
MN: Minnesota
mppcf: million particles per cubic foot
MSHA: Mine Safety and Health Administration
N/Ap: Not Applicable
N/Av: Not Available
NFPA: National Fire Protection Association
NIOSH: National Institute of Occupational Safety and Health
NJ: New Jersey
NOEC: No observable effect concentration
OECD: Organisation for Economic Co-operation and Development
NTP: National Toxicology Program
OSHA: Occupational Safety and Health Administration
PA: Pennsylvania
PEL: Permissible exposure limit
PICCS: Philippine Inventory of Chemicals and Chemical Substances
PNOC: Particulates Not Otherwise Classified
PNOR: Particulates Not Otherwise Regulated
PNOS: Particles Not Otherwise Specified
RCRA: Resource Conservation and Recovery Act
RI: Rhode Island
RTECS: Registry of Toxic Effects of Chemical Substances
SARA: Superfund Amendments and Reauthorization Act
SDS: Safety Data Sheet / Material Safety Data Sheet
STEL: Short Term Exposure Limit
TDG: Canadian Transportation of Dangerous Goods Act & Regulations
TLV: Threshold Limit Values
TWA: Time Weighted Average
TSCA: Toxic Substance Control Act
WHMIS: Workplace Hazardous Materials Identification System

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**References** : 1. ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Indices for 2018
2. International Agency for Research on Cancer Monographs, searched 2018
3. Canadian Centre for Occupational Health and Safety, CCInfoWeb databases, 2018(Chempendium, HSDB and RTECs).
4. Material Safety Data Sheets from manufacturer.
5. US EPA Title III List of Lists - 2018 version.
6. California Proposition 65 List - 2018 version.
7. OECD - The Global Portal to Information on Chemical Substances - eChemPortal,2018.

**Preparation Date (mm/dd/yyyy)**

: 10/02/2018

**Other special considerations for handling**

: Provide adequate information, instruction and training for operators.

**Prepared for:**

Rebotec America LLC
13008 Newport Beach
Newport Beach, CA 92660
Telephone: (949) 402-3499

**Prepared by:**

ICC The Compliance Center Inc.
Telephone: (888) 442-9628 (U.S.): (888) 977-4834 (Canada)
http://www.thecompliancecenter.com

## DISCLAIMER

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