


1. IDENTIFICATION

Name of the substance or mixture (name commercial):	Rebotec Waterproofing
Top recommended uses for substance or mixture:	Water-repellent aggregate for concrete and mortars.
Company Name:	Rebotec Brasil Comércio de Materiais de Construção Ltda
Address:	Rodovia SC 414, 12536, km 90, Vila Nova – Luiz Alves – SC – Brazil – CEP 89128-000
Entity to obtain additional information:	Laboratory
Telephone for emergencies:	+55 (47) 9209-8557

2. HAZARD IDENTIFICATION

Classification of the substance or mixture:	Skin corrosion/irritation – Category 2. Severe eye damage/eye irritation – Category 1. Skin sensitization – Category 1B. Specific target organ toxicity – Single exhibition – Category 3.
Classification system used:	ABNT-NBR 14725-2: 2023 standard; Globally Harmonized System for the Classification and Labeling of Chemicals, UN
Appropriate labelling elements	
Pictograms	
Word of Warning	Danger
Hazard Statements	H315: Causes skin irritation. H317: May cause allergic skin reactions. H318: Causes severe eye damage. H335: May cause irritation of the respiratory airways.
Precautionary Phrases	P261 – Avoid breathing dust/fume/gas/mist/vapours/spray. P264 – Wash your hands carefully after handling. P272 – Contaminated work clothing must not leave the workplace. P280 – Wear protective gloves/protective

clothing/eye protection/face protection.
 P310 – Immediately contact a TOXICOLOGICAL INFORMATION CENTER or doctor. P362 – Remove contaminated clothing and wash it before using it again.
 P501 – Dispose of contents/container in accordance with legislation.
 P302+P352 – IF ON SKIN: Wash with plenty of soap and water. P333+P313 – IF SKIN IRRITATION OR RASH: Consult a doctor.
 P305+P351+P338 – IF IN EYES: Rinse carefully with water for several minutes. If you use contact lenses, remove them if it is easy. Keep rinsing.

Other hazards that do not result in a rating: Not applicable.

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Type of product: Mixture

Ingredients or impurities that contribute to the danger:

Product Name	CAS Number	Concentration (%)
Silicon dioxide	7631-86-9	40 - 60
Portland Cement	65-997-1	10 - 20
Mineral Base A	Industrial Secret	10 – 20

4. FIRST AID MEASURES

Inhalation: Remove the person to a ventilated place and keep them at rest in a position that does not hinder breathing. If you feel unwell, Contact a doctor.

Skin contact: Wash with plenty of soap and water. In case of irritation or rash, consult a doctor.

Eye contact: Rinse thoroughly with water for a few minutes. If you have contact lenses, remove them if possible. Keep rinsing. Contact a doctor immediately.

Ingestion: Rinse your mouth. Do not provoke vomiting. If you feel unwell, contact a doctor.

Most important symptoms and effects, acute or delayed: May cause slight skin irritation. May cause serious eye irritation with possible redness, tearing and/or pain. May cause dryness and dermatitis.

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Notes for the doctor:	Take this MSDS. There is no specific antidote, the treatment should be based on symptoms.
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5. FIRE-FIGHTING MEASURES

Appropriate extinguishing:	Use dry chemical, carbon dioxide (CO ₂) or chemical foam.
Inadequate extinguishing:	Do not directly use water or carbon dioxide.
Specific hazards of the substance or mixture	Pode gerar compostos hidratados, liberando calor e produzindo uma solução altamente alcalina.
Measures to protect the firefighting team:	Use personal protective equipment, especially respiratory protective equipment.

6. CONTROL MEASURES FOR SPILLAGE OR LEAKAGE

Personal precautions, protective equipment and emergency procedures:	For non-emergency personnel: Avoid exposure to product. Use personal protective equipment as described in section 8. For emergency service personnel: Wear safety glasses with side shields, a respiratory protection mask with dust filter, suitable protective clothing and safety shoes.
Environmental Precautions:	If possible, do not allow contact with rivers or water bodies. If there is environmental contamination, alert the competent authorities.
Methods and materials for stagnation and containment:	Drain and collect the spilled product with non-flammable absorbent materials (example: sand, earth, diatomaceous earth, vermiculite) and collect it in a suitable container for subsequent disposal in accordance with local legislation. See Section 13 of this MSDS.

7. HANDLING AND STORAGE

Precautions for safe handling:	Handle in a ventilated area with a local exhaust system. Avoid dust formation. And exposure to the product. Use personal protective equipment as described in section 8.
Hygiene measures:	Always keep the workplace clean. Do not eat, drink or smoke while handling. Wash your hands and face carefully after handling. Contaminated clothing must be changed and washed before reuse.

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Safe Storage Conditions: Store in well-ventilated, dry places, protected from moisture and direct sunlight. Keep containers tightly closed.

Packaging materials: Similar to the original packaging.

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Control parameters:	65997-15-1 Portland Cement	
	TLV (ACGIH)	10 mg/m ³

Engineering control measures: Exhaust measures to prevent the generation and spread of dust in the environment.

Eye/face protection: **Respiratory protection:** Respiratory mask with dust filter.
Eye protection: Safety glasses with side shields.

Skin and body protection: **Hand protection:** Safety gloves, suitable protective clothing to avoid contact with the skin and closed shoes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, shape, color):	Solid/powder
Odor:	Characteristic of cement.
pH:	Not applicable.
Melting point/freezing point:	Not applicable.
Initial boiling point and boiling temperature range:	Not applicable.
Flash point:	Not applicable.
Evaporation rate:	Not applicable.
Flammability:	Not applicable.
Lower/upper limit of flammability or explosiveness:	Not applicable.
Steam pressure:	Not applicable.
Vapor density:	Not applicable.
Relative density:	1.29 g/cm ³ .
Solubility:	Insoluble.
Partition coefficient – n-octanol/water:	Not available.
Auto-ignition temperature:	Not applicable.
Decomposition temperature:	Not applicable.
Organic solvents:	Not applicable.
Water:	Not applicable.
Molecular weight:	Not applicable.
Viscosity:	Not applicable.
Particle characteristics:	Data not available.

10. STABILITY AND REACTIVITY

Chemical Stability	Under normal conditions of use, storage and transportation, the material must be stable.
Reactivity:	Under normal conditions of use, storage and transport, the material should be non-reactive.
Possibility of dangerous reactions	Contains an ingredient that reacts slowly with water, releasing heat and forming a highly alkaline solution.
Conditions to avoid	Moisture and contact with water before use.
Incompatible materials	Not applicable.
Dangerous decomposition products	No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	It is not expected to present toxicity.
Skin corrosion/irritation:	May cause mild skin irritation with redness.
Serious eye damage/eye irritation:	May cause serious eye irritation with redness.
Respiratory or skin sensitization:	It can cause allergic reactions to dry skin.
Mutagenicity in germ cells:	The product is not expected to present mutagenicity in germ cells.
Carcinogenicity:	The product is not expected to be carcinogenic.
Systemic toxicity to certain target organs – single exposure:	The product is not expected to cause organ damage through exposure.
Specific target organ toxicities – repeated exposures:	The product is not expected to present organ toxicity through repeated or prolonged exposure.
Aspiration hazard:	May cause sensitization in the respiratory tract.

12. ECOLOGICAL INFORMATION

Ecotoxicity	The product is not expected to present a hazard to aquatic organisms.
Persistence and degradability	Not applicable.
Bioaccumulative Potential	Not applicable.
Mobility in the Soil	Not applicable.
Other adverse effects	Not available.

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13. CONSIDERATIONS ON FINAL DESTINATION

Producto	It must be disposed of as hazardous waste in accordance with local legislation. Due to the presence of Portland cement, never discard the powdered product. Add water and wait for it to harden. The hardened material must be disposed of as Class A waste (according to CONAMA Resolution 307:2002). Federal, state and municipal legislation must be consulted, among them: Law No. 12,305, of August 2, 2010 (National Solid Waste Policy).
Product Leftovers	They can be saved for reuse. For this, keep the remains of the product in their original packaging and properly closed so that there is no cobbling. Pay attention to the expiration date of the product before using it. The disposal of the remaining product should be carried out as established for the product (addition of water and hardening before of disposal).
Used packaging	Do not reuse empty packaging. These may contain remains of the product and must be kept closed and sent for recycling and/or disposed of as Class B waste (according to CONAMA Resolution 307:2002).

14. TRANSPORTATION INFORMATION

National and international regulations:	Product not classified as dangerous for transport according to the Ministry of Transport.
Product classified as dangerous for transport (according to type of transportation):	Not classified as dangerous for any type transportation.

15. INFORMATION ABOUT REGULATIONS

Safety, health and environmental regulations specific to the chemical:	Resolution No. 5232 and its amendments (National Land Transport Agency); Federal Decree No. 2657, (Ministry of Labor and Employment – promulgates ILO Convention No. 170, relating to safety in the use of chemical products at work); ABNT-NBR 14725 standard; Ordinance No. 229 (amends Regulatory Standard No. 26).
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16. OTHER INFORMATION

Important information, but not specifically described in the previous sections:

This MSDS was prepared based on current knowledge on appropriate handling of the product under normal conditions of use, and provides information regarding protection, safety, health and the environment. Any other form of use of the product that involves its combination with other materials, in addition to forms of use other than those indicated, is the responsibility of the user. Please note that handling any chemical substance requires prior knowledge of its dangers by the user. In the workplace, it is up to the company using the product to train its employees regarding possible risks arising from exposure to the chemical product. For more information, consult the company's technical department.

Subtitles and abbreviations:

CAS – Chemical Abstracts Service
TLV – Theresold Limte Value
ACGIH – American Conference of
governmental Industrial Hygienist.

Bibliographic references:

BRAZILIAN ASSOCIATION OF TECHNICAL STANDARDS. ABNT NBR 14725: Chemicals – Information on safety, health and environment – General aspects of the Globally Harmonized System (GHS), classification, SDS and labeling of chemical products. Rio de Janeiro.2023. BRAZILIAN ASSOCIATION OF TECHNICAL STANDARDS. ABNT NBR 16725: Hazardous chemical waste – Information on safety, health and the environment – Waste safety data sheet (FDSR) and labeling. Rio de Janeiro. 2023. BRAZIL. Ministry of Transport. National Land Transportation Agency. Resolution No. 5998, of November 3, 2022. Brasília, 2022. BRAZIL. Ministry of Labor and Employment. Minister's office. NR26 – Safety Signage. Brasilia. 2015.