

Product ROCKLITE CEMENT
 Revision Date 05/01/24
 Revision 1




Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name	ROCKLITE CEMENT
Identifier Uses	No specific uses identified.
Supplier	Top ½ Sales & Marketing Ltd 30 Oxford Street Martinborough 5711 New Zealand
Contact Person	davislester@roadsandconcrete.com
Emergency Telephone	64 21 93 93 90

SECTION 2: HAZARDS IDENTIFICATION

Appearance	Powder.
Color	White, Off-white, Gray or pigmented.
Odor	Low Odor.
Pictogram(s)	
Signal Word	Warning
Hazard Statements	H302 Harmful if swallowed. H317 May cause an allergic skin reaction. H319 Causes serious eye irritation.
Precautionary Statements	P280 Wear protective gloves/ protective clothing/eye protection/face protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P264 Wash thoroughly after handling. P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P310 Immediately call a POISON CENTER or doctor/physician P270 Do not eat, drink or smoke when using this product. rash occurs. P272 Contaminated work clothing should not be allowed out of the workplace.
Contains	Cement, portland, chemicals
GHS Classification	
Physical and Chemical Hazards	Not classified
Human Health	Skin Irrit.3 - H316, Eye Irrit.2A - H315, Skin. Sens I B- H317, STOT SE 3 - H335
Environment	Not classified
OSHA Regulatory Status	This product is Hazardous under the OSHA Hazard communication Standard.
Inhalation	Irritating to mucous membranes and respiratory tract.
Ingestion	May cause discomfort if swallowed.
Skin contact	Skin irritation. May cause allergic reactions. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.
Eye contact	Serious eye irritation. May cause redness, swelling, pain and tearing.

Routes of Exposure

No Information available.

SECTION 3: Composition/Information on Ingredients

Name	Product Identifier	GHS Classification	%
calcium sulfate	CAS-No.: 7778-18-9 EC No.: 231-900-3		98 %
Cement, portland, chemicals	CAS-No.: 65997-15-1 EC No.: 266-043-4	Skin Irrit.2 - H315, Skin. Sens I B- H317, Eye Dam. I - H318, STOT SE 3 - H335	2 %

SECTION 4: FIRST AID MEASURESDescription of first aid measures**General Information**

General first aid, rest, warmth and fresh air.

Inhalation

If this product is Inhaled, move the exposed person to fresh air promptly.

Ingestion

If this product is ingested, give the exposed large amount of water and seek medical attention promptly. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Skincontact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

Eye contact

Do not rub eye. If the product contacts the eyes, immediately flush eyes with plenty of clean running water for at least fifteen (15) minutes, lifting the upper and lower eyelids occasionally. Remove contact lenses if worn.

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

The severity of the symptoms described will vary dependant of the concentration and the length of exposure.

Inhalation

Irritating to mucous membranes and respiratory tract.

Ingestion

May cause discomfort if swallowed.

Skincontact

Skin irritation. May cause allergic reactions. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin.

Eye contact

Serious eye irritation. May cause redness, swelling, pain and tearing.

Routes of Exposure

No Information available.

Most important symptoms and effects, both acute and delayed**Notes To The Physician**

Treat Symptomatically.

SECTION 5: Firefighting Measures**Auto Ignition Temperature (°C)**

No Information available.

Flammability Limit - Lower (%)

No Information available.

Flammability Limit - Upper (%)

No Information available.

Flashpoint

No Information available.

Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

Hazardous combustion products

During fire, gases hazardous to health may be formed. Hazardous combustion may result in but it not limited to the release of oxides of calcium and sulfur.

Unusual Fire & Explosion Hazards**Special Fire Fighting Procedures**

Avoid breathing fire vapours. ventilate closed spaces before entering them. Water spray should be used to cool containers.

Protective equipment for fire-fighters

Fire fighters should wear full protective equipment, including a NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6: Accidental Release Measures**Personal Precautions**

Use personal protection recommended in Section 8. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid inhalation of dust. Use a NIOSH/MSHA approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits. Ensure adequate ventilation.

**Environmental Precautions
Spill Clean Up Methods**

Discharge into the environment must be avoided.
Safely stop source of spill. Clean up spills immediately. Restrict non-essential personnel from the area. Wear protective clothing, goggles and respirator if ventilation is not adequate. Sweep up spilled material and place into container for reuse or disposal. Dispose of waste in accordance with local, state or federal regulations. Use vacuum or wet mop to clean up dust. Flush spill area with water. Wash thoroughly after dealing with a spillage.

SECTION 7: Handling and Storage**Handling**

Use under well-ventilated conditions. Avoid prolonged or repeated contact. Wash thoroughly after handling. Rinse container before disposal. Do not use contact lenses. eliminate all sources of ignition. Use proper personal protection when handling (refer to Section 8).

**Usage Description
Storage Precautions**

Use only according to directions.
Store in original tightly closed container. Store in a well-ventilated place. Store in a covered, dry, climate controlled area, away from incompatibles. Keep away from Acids. Phosphorus. Diazomethane. Aluminum (at high temperatures.)

Specific End Use(s)

For further information, please contact supplier.

SECTION 8: Exposure Controls/Personal Protection**Protective Equipment**

Component	STD	TWA (8 Hrs)		STEL (15mins)		Notes
calcium sulfate	OSHA		15mg/m ³			Total Dust.
Cement, portland, chemicals	OSHA	50ppm	15mg/m ³			

Ingredient Comments

OSHA

**Process Conditions
Engineering Measures**

Provide eyewash, quick drench.
Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory Equipment

A NIOSH approved dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2).

**Hand Protection
Eye Protection**

When handling this product, it is recommended to wear chemical resistant gloves. Wear safety glasses with side shields (or goggles). Ensure compliance with OSHA's PPE standard (29 CFR 1910.132 and .133) for eye and face protection.

Hygiene Measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties**Information on Basic Physical and Chemical Properties****Appearance
Color
Odor**

Powder.
White, Off-white, Gray or pigmented.
Low Odor.

Odor Threshold -Lower	No Information available.
Odor Threshold - Upper	No Information available.
pH-Value, Conc. Solution	9.5
Melting point	2642.0 °F
Initial boiling point and boiling range	No Information available.
Flash point	No Information available.
Evaporation rate	No Information available.
Flammability State	No Information available.
Flammability Limit–Lower (%)	No Information available.
Flammability Limit–Upper (%)	No Information available.
Vapor pressure	No Information available.
Vapor Density (air=1)	No Information available.
Relative density	2.7 g/cm ³ @ 0.0
Bulk Density	No Information available.
Solubility	Slightly.
Decomposition temperature	No Information available.
Partition coefficient; n-octanol/water	Not known.
Auto Ignition Temperature (°C)	No Information available.
Viscosity	Technically not feasible.
Explosive Properties	No information available.
Oxidizing properties	No Information available.
Molecular Weight	No Information available.
Volatile Organic Compound	No Information available.

SECTION 10: Stability and Reactivity

Reactivity	Reaction with water.
Stability	This product is stable at ambient temperatures and atmospheric pressures.
Hazardous Polymerisation	Hazardous polymerization is not expected to occur under normal temperatures and pressures.
Hazardous Decomposition Products	Hazardous decomposition products may include calcium oxide and sulfur dioxide.
Conditions to Avoid	Heat, sparks, flames and other sources of ignition, moisture
Materials to Avoid	Incompatible materials include the following: Acids, Phosphorus, Diazomethane and Aluminum (at high temperatures)

SECTION 11: Toxicological Information

Toxicological Information	Prolonged inhalation may be harmful. Inhalation of dusts may cause respiratory irritation.
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Acute Toxicity (Oral LD50)	No Information available.
Acute Toxicity (Dermal LD50)	No Information available.
Acute Toxicity (Inhalation LC50)	No Information available.
Skin Corrosion/Irritation	No Information available.
Respiratory Sensitisation	No Information available.
Skin Sensitisation	No Information available.
Reproductive Toxicity:	No Information available.
Germ Cell Mutagenicity:	
Genotoxicity - In Vitro	
Genotoxicity - In Vivo	
Carcinogenicity:	
Carcinogenicity	No Information available.
NTP - Carcinogenicity	The product and its components are not listed.
OSHA - Carcinogenicity	The product and its components are not listed.
IARC Carcinogenicity	The product and its components are not listed.
Specific Target Organ Toxicity - Single Exposure:	
STOT - Single Exposure	No Information available.
Specific Target Organ Toxicity - Repeated Exposure:	
STOT - Repeated Exposure	No Information available.

Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
calcium sulfate	> 1581 mg/kg Rat		

SECTION 12: Ecological Information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Acute Toxicity - Fish	No Information available.
Acute Toxicity - Aquatic Invertebrates	No Information available.
Acute Toxicity - Aquatic Plants	No Information available.
Degradability Bio-accumulative Potential	
Mobility	No information available
Results of PBT and vPvB Assessment	No information available.
Other Adverse Effects	No information available.

Name	Acute Toxicity (Fish)	Acute Toxicity (Aquatic Invertebrates)	Acute Toxicity (Aquatic Plants)
calcium sulfate	LC50 96 Hours 2980.00mg/l		

SECTION 13: Disposal Considerations

Waste Management	When handling waste, consideration should be made to the safety precautions applying to handling of the product.
Disposal Methods	Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Empty containers or liners may retain some product residues. Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport Information

UN No. (DOT/TDG)	Not applicable.
UN No. (IMDG)	Not applicable.
UN No. (ICAO)	Not applicable.
DOT Proper Shipping Name	Not applicable.
TDG Proper Shipping Name	Not applicable.
DOT Hazard Class	Not applicable.
DOT Hazard Label	Not applicable.
TDG Class	Not applicable.
TDG Label(s)	Not applicable.
IMDG Class	Not applicable.
ICAO Class	Not applicable.
Transport Labels	
DOT Pack Group	Not applicable.
IMDG Pack Group	Not applicable.
Air Pack Group	Not applicable.
EMS	Not applicable.
Environmentally Hazardous Substance/Marine Pollutant	No

SECTION 15: Regulatory InformationUS Federal Regulations**SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities**

The Following ingredients are listed None Listed.

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

The Following ingredients are listed None Listed.

SARA Extremely Hazardous Substances EPCRA Reportable Quantities

The Following ingredients are listed None Listed.

SARA 313 Emission Reporting

The Following ingredients are listed None Listed.

CAA Accidental Release Prevention

The Following ingredients are listed None Listed.

OSHA Highly Hazardous Chemicals

The Following ingredients are listed None Listed.

US State Regulations**California Proposition 65 Carcinogens and Reproductive Toxins**

The Following ingredients are listed None Listed.

California Air Toxics "Hot Spots" (A-I)

The Following ingredients are listed None Listed.

California Air Toxics "Hot Spots" (A-II)

The Following ingredients are listed None Listed.

Massachusetts "Right To Know" List

The Following ingredients are listed calcium sulfate
Cement, portland, chemicals

Rhode Island "Right To Know" List

The Following ingredients are listed None Listed.

Minnesota "Right To Know" List

The Following ingredients are listed calcium sulfate
Cement, portland, chemicals

New Jersey "Right To Know" List

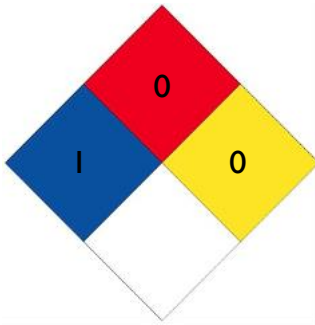
The Following ingredients are listed calcium sulfate
Cement, portland, chemicals

Pennsylvania "Right To Know" List

The Following ingredients are listed calcium sulfate
Cement, portland, chemicals

SECTION 16: Other Information

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)



HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

Health	1
Flammability	0
Physical Hazard	0
Personal Protection	B

Revision Comments
Revision Date 05/22/2015
Revision I

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.