Safety Data Sheet

SECTION 1: IDENTIFICATION

Product Name: ROCKITE CEMENT
Identifier Uses: No specific uses identified.
Supplier: Hartline Products Co Inc
4568 Mayfield Road
Suite 202
Cleveland Ohio
44121
Tel: (216) 291-2303

Contact Person: rockitecement@aol.com
Emergency Telephone: (216) 291-2303

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 1 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 mucus 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.
**SECTION 3: Composition/Information on Ingredients**

<table>
<thead>
<tr>
<th>Mixtures</th>
<th>Product Identifier</th>
<th>GHS Classification</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement, Portland, Chemicals</td>
<td>CAS-No.: 65997-15-1</td>
<td>Skin Irrit. 2 - H315, Skin. Sens 1 B - H317, Eye Dam. 1 - H318, STOT SE 3 - H335</td>
<td>2%</td>
</tr>
<tr>
<td>Calcium Sulfate Hemihydrate</td>
<td>CAS-No.: 26499-65-0</td>
<td>Skin. Sens 1 - H317, Skin Corr. 1C - H314</td>
<td>98%</td>
</tr>
<tr>
<td>Impurities</td>
<td></td>
<td>Trace</td>
<td></td>
</tr>
<tr>
<td>Crystalline Silica (Quartz)</td>
<td>CAS-No.: 14808-60-7</td>
<td>Trace</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION 4: FIRST AID MEASURES**

**Description 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.
- **Skin contact**: 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 mucus 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.

**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**: Avoid breathing fire vapours. Ventilate closed spaces before entering them. Water spray should be used to cool containers.
- **Special Fire Fighting Procedures**: 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.
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
Use only according to directions.

Storage Precautions
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

<table>
<thead>
<tr>
<th>Component</th>
<th>STD</th>
<th>TWA (8 Hrs)</th>
<th>STEL (15mins)</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium sulfate</td>
<td>OSHA</td>
<td>15mg/m3</td>
<td></td>
<td>Total Dust.</td>
</tr>
<tr>
<td>Cement, portland, chemicals</td>
<td>OSHA</td>
<td>50ppm</td>
<td>15mg/m3</td>
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</tbody>
</table>

Ingredient Comments
OSHA

Process Conditions
Provide eyewash, quick drench.

Engineering Measures
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
When handling this product, it is recommended to wear chemical resistant gloves.

Eye Protection
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
Powder.

Color
White, Off-white, Gray or pigmented.

Odor
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.

Flashpoint: 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.

Vapour pressure: No Information available.

Vapour Density (air=1): No Information available.

Relative density: 2.7 g/cm³ @ 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.

Oxidising 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.
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 No Information available.
Genotoxicity - In Vivo No Information available.

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.

<table>
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<tr>
<th>Name</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
<th>LC50 Inhalation</th>
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<tbody>
<tr>
<td>calcium sulfate</td>
<td>&gt;1581mg/kg Rat</td>
<td></td>
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</table>

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
Bioaccumulative Potential
Mobility No information available
Results of PBT and vPvB Assessment No information available.
Other Adverse Effects No information available.

<table>
<thead>
<tr>
<th>Name</th>
<th>Acute Toxicity (Fish)</th>
<th>Acute Toxicity (Aquatic Invertebrates)</th>
<th>Acute Toxicity (Aquatic Plants)</th>
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</thead>
<tbody>
<tr>
<td>calcium sulfate</td>
<td>LC50 96 Hours 2980.00mg/l</td>
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</tr>
</tbody>
</table>

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 Information

US 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

International Inventories

TSCA:
All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
SECTION 16: Other Information

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

<table>
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<th>Health</th>
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<td>Flammability</td>
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<tr>
<td>Physical Hazard</td>
<td>0</td>
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<tr>
<td>Personal Protection</td>
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Revision Comments
Revision Date 01/30/2018
Revision 2

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