

1**PRODUCT AND COMPANY IDENTIFICATION**

Product Identifier: Water Stopper
SDS Number: 31
Product Code: 415, 416, 417
Revision Date: 6/21/2019
Version: 1
Product Description: Hydraulic Cement
Product Use: Masonry repair

Supplier Details: Rutland Products
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2**HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):**

Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 1
Health, Specific target organ toxicity - Single exposure, 3
Health, Specific target organ toxicity - Repeated exposure, 2
Environmental, Hazards to the aquatic environment - Acute, 3

GHS Label Elements, Including Precautionary Statements**GHS Signal Word: DANGER****GHS Hazard Pictograms:****GHS Hazard Statements:**

H315 - Causes skin irritation
H318 - Causes serious eye damage
H336 - May cause drowsiness or dizziness
H373 - May cause damage to organs (state all organs affected, if known) through prolonged or repeated exposure (state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard)
H402 - Harmful to aquatic life

GHS Precautionary Statements:

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P264 - Wash skin thoroughly after handling.
P280 - Wear protective gloves/ 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.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P271 - Use only outdoors or in a well-ventilated area.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.



Safety Data Sheet

Water Stopper

P301 + P310 - IF SWALLOWED: Immediately call a POISON CONTROL CENTER (800-222-1222), doctor or emergency room.
P363 - Wash contaminated clothing before reuse.
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P304 + P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
P308 + P313 - IF exposed or concerned: Get medical advice/ attention.
P404 - Store in a closed container.
P501 - Dispose of contents/container according to all local, state and federal regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Danger! Overexposure to Portland cement mixed with water can cause skin or eye damage in the form of chemical (caustic) burns, including third-degree burns. The same type of injury can occur if wet or moist skin has prolonged exposure to dry Portland cement. Portland cement and water mixture has a pH > 12

Route of Entry: Eyes; Ingestion; Skin;

Skin Contact: May cause irritation.

Eye Contact: May cause irritation.

Ingestion: Ingestion is not an applicable route of entry for intended use. May be harmful if swallowed.

Crystalline Silica dust is expected to cause respiratory irritation and sensitization, and is considered carcinogenic. When this product is used as intended, exposure to Crystalline Silica dust is negligible, but users are recommended to avoid dust formation. If dust is created, precautions against inhalation of particles are encouraged (i.e. wear dust mask).

3

COMPOSITION/INFORMATION OF INGREDIENTS

CAS#	Chemical Ingredients: %	Chemical Name:
14808-60-7	Silica, crystalline	
1305-62-0	Calcium hydroxide	
65997-16-2	Cement, alumina, chemicals	
65997-15-1	Portland cement	

Percentages withheld, Trade Secret

4

FIRST AID MEASURES

Inhalation: Remove to fresh air. Seek medical attention if cough or other symptoms develop or persist.

Skin Contact: Wash with plenty of water. Get medical attention if irritation develops or persists.

Eye Contact: Immediately flush eyes with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes. If effects occur, consult a physician, preferably an ophthalmologist. May cause injury due to mechanical action.

Ingestion: If Swallowed, DO NOT INDUCE VOMITING. Give one cup (8 ounces or 240 ml) of water or milk if available and transport to a medical facility. Never give anything by mouth to an unconscious or convulsive person.

5

FIRE FIGHTING MEASURES

Flammability: Non flammable

Use any standard agent - choose the one most appropriate for type of surrounding fire.



Safety Data Sheet

Water Stopper

6

ACCIDENTAL RELEASE MEASURES

Transfer to a container for disposal or recovery.

7

HANDLING AND STORAGE

Handling Precautions: Avoid contact with eyes and skin. Use in a well-ventilated area. Avoid inhalation of vapors and mists.
Storage Requirements: Keep container closed to prevent drying out.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: A system of local and/or general exhaust is recommended to keep employee exposures as low as possible.
Personal Protective Equipment: EYES AND FACE: Wear safety glasses with side shields. Chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent) are recommended. SKIN: Wear protective clothing, including long sleeves and gloves, to prevent skin contact. Thoroughly wash clothing before reuse. RESPIRATORY: In case of insufficient ventilation, wear suitable respiratory equipment.

Silica, crystalline cas#:(14808-60-7)

Components with workplace control parameters

TWA 0.025 mg/m³ USA. ACGIH Threshold Limit Values (TLV)
Suspected human carcinogen

TWA 0.025 mg/m³ USA. ACGIH Threshold Limit Values (TLV)
Lung cancer Pulmonary fibrosis Suspected human carcinogen

Calcium hydroxide cas#:(1305-62-0)

Components with workplace control parameters

TWA 5 mg/m³ USA. ACGIH Threshold Limit Values (TLV)
Eye, skin, & Upper Respiratory Tract irritation

TWA 5 mg/m³ USA. OSHA - TABLE Z-1 Limits for Air Contaminants -
1910.1000

The TWA PEL of 5 mg/m³ is not in effect as a result of reconsideration. Calcium hydroxide is covered by the exposure limits for particulates not otherwise regulated of 5 mg/m³ respirable dust and 15 mg/m³ total dust.

TWA 15 mg/m³ USA. Occupational Exposure Limits (OSHA) - Table Z- 1
Limits for Air Contaminants

TWA 5 mg/m³ USA. Occupational Exposure Limits (OSHA) - Table Z- 1
Limits for Air Contaminants

TWA 5 mg/m³ USA. NIOSH Recommended Exposure Limits



Safety Data Sheet

Water Stopper

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	brown to gray powder	Odor:	None
Physical State:	Solid	Molecular Formula:	Not Available
Odor Threshold:	Not Available	Solubility:	Insoluble in water
Particle Size:	Not Available	Softening Point:	Not Available
Spec Grav./Density:	1.2	Percent Volatile:	Not Available
Viscosity:	Not Available	Heat Value:	Not Available
Saturated Vapor Concentration:	Not Available	Freezing/Melting Pt.:	> 1800 F
Boiling Point:	> 1800 F	Flash Point:	Not Available
Flammability:	Non flammable	Octanol:	Not Available
Partition Coefficient:	Not Available	Vapor Density:	Not Available
Vapor Pressure:	Not Available	VOC:	Not Available
pH:	12 - 13	Bulk Density:	Not Available
Evap. Rate:	Not Available	Auto-Ignition Temp:	Not Available
Molecular weight:	Not Available	UFL/LFL:	Not Available
Decomp Temp:	Not Available		

10

STABILITY AND REACTIVITY

Reactivity:	Reacts with water forming hardened hydrated compounds, releasing heat and producing strong alkaline solution.
Chemical Stability:	Product is stable under normal conditions.
Conditions to Avoid:	None Known
Materials to Avoid:	Strong Acids; Strong Oxidizing Agents;
Hazardous Decomposition:	None Known
Hazardous Polymerization:	Will not occur.

11

TOXICOLOGICAL INFORMATION

No data available.

12

ECOLOGICAL INFORMATION

No information available

13

DISPOSAL CONSIDERATIONS

Dispose of this product in accordance with all applicable local, state and federal regulations.

14

TRANSPORT INFORMATION

Not Regulated



Safety Data Sheet

Water Stopper

15

REGULATORY INFORMATION

RQ (CAS#) Substance - Reg Codes

Silica, crystalline (14808-60-7) GADSL, MASS, NRC, OSHAWAC, PA, PROP65, TSCA, TXAIR

Calcium hydroxide (1305-62-0) MASS, OSHAWAC, PA, TSCA, TXAIR

Cement, alumina, chemicals (65997-16-2) TSCA

Portland cement (65997-15-1) MASS, OSHAWAC, PA, TSCA, TXAIR



WARNING

This product can expose you to chemicals including Silica, Crystalline, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Regulatory Code Legend

GADSL = Global Automotive Declarable Substance List (GADSL)

MASS = MA Massachusetts Hazardous Substances List

NRC = Nationally Recognized Carcinogens

OSHAWAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

PROP65 = CA Prop 65

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

16

OTHER INFORMATION

PREPARED BY: Brian Miller

MANUFACTURER DISCLAIMER: The information presented herein is believed to be accurate but is not warranted. Recipients are advised to confirm in advance that the information is current, applicable and suitable to their circumstances.

Revision Date: 6/21/2019