

SAFETY DATA SHEET

SDS 0260

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

| | HMIS CODES |
|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| PRODUCT NAME Pyroseal | Health 1 Flammability 0 Reactivity 0 |
| PRODUCT CODES 68612, 68614, 68616, 68618, 68620 | PPI B |
| CHEMICAL FAMILY Inorganic | |
| USE Dual Purpose Retort & Furnace Cement | |
| MANUFACTURER'S NAME The RectorSeal Corporation 2601 Spenwick Drive Houston, Texas 77055 USA | EMERGENCY TELEPHONE NO. Chemtrec 24 Hours (800)424-9300 USA (703)527-3887 International |
| DATE OF VALIDATION January 23, 2015 | TECHNICAL SERVICE TELEPHONE NO. (800)231-3345 or (713)263-8001 |
| DATE OF PREPARATION August 20, 2012 | |

Section 2 -- HAZARDS IDENTIFICATION

GHS CLASSIFICATION
PHYSICAL HAZARDS: None
HEALTH HAZARDS
Acute Toxicity:
Oral: Not Classified
Dermal: Not Classified
Inhalation: Not Classified
Skin Corrosion/Irritation: Not Classified
Serious Eye Damage/Eye Irritation: Not Classified
Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: Not Classified
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified
Aspiration Toxicity: Not Classified

GHS Label elements, including precautionary statements
Pictogram: None
Signal Word: None
Hazard Statements: None
Precautionary Statements:
P102 - Keep out of reach of children.
P264 - Wash hands thoroughly after handling.

SUMMARY OF ACUTE HAZARDS

Exposure from dust may cause eye and respiratory irritation.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

May cause respiratory irritation.

EYE CONTACT

Contact may cause eye irritation.

SKIN CONTACT

Contact may cause skin irritation.

INGESTION

Possible irritation to mucous membranes of the mouth, throat, and stomach.

SUMMARY OF CHRONIC HAZARDS

None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Persons with impaired pulmonary function and/or pre-existing eye or skin conditions may be more susceptible to the effects of this product.

Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Sodium Silicate
PERCENTAGE BY WEIGHT: 15.77
CAS#: 1344-09-8
EC#: 229-912-9

INGREDIENT: Calcium Magnesium Silicate
PERCENTAGE BY WEIGHT: 25.42
CAS#: 13983-17-0

Section 4 -- FIRST AID MEASURES

If INHALED: Remove to fresh air. Administer oxygen or artificial respiration if needed. Seek immediate medical attention.
 If on SKIN: Wash with soap and water. If irritation occurs, seek medical attention.
 If in EYES: Immediately flush with large amounts of water. If irritation occurs, seek medical attention.
 If SWALLOWED: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Section 5 -- FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Foam, dry chemical, carbon dioxide or water fog.
 SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing.
 UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Section 6 -- ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil. Wear protective clothing during clean up.

Section 7 -- HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright when not in use.
 OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. KEEP OUT OF REACH OF CHILDREN.

Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

| INGREDIENT | UNITS |
|----------------------------|-------|
| Sodium Silicate | |
| ACGIH TLV | N/D |
| OSHA PEL | N/D |
| Calcium Magnesium Silicate | |
| ACGIH TLV | N/D |
| OSHA PEL | N/D |

RESPIRATORY PROTECTION (SPECIFY TYPE): NIOSH/MSHA approved dust mask.
 VENTILATION - LOCAL EXHAUST: Acceptable
 SPECIAL: N/A
 MECHANICAL (GENERAL): Preferable
 OTHER: N/A
 PROTECTIVE GLOVES: Wear rubber gloves.
 EYE PROTECTION: Safety glasses (ANSI Z-87.1 or equivalent)
 OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.
 WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A
 SPECIFIC GRAVITY (H2O = 1): 1.43
 VAPOR PRESSURE (mm Hg): N/A
 MELTING POINT: N/A
 VAPOR DENSITY (AIR = 1): N/A
 EVAPORATION RATE (ETHYL ACETATE = 1): N/A
 APPEARANCE/ODOR: Gray / No Odor
 SOLUBILITY IN WATER: Insoluble
 FLASH POINT: None
 LOWER EXPLOSION LIMIT: N/D
 UPPER EXPLOSION LIMIT: N/D
 VOLATILE ORGANIC COMPOUNDS (VOC) Content (Theoretical Percentage By Weight): 0% or (0 g/L)

Section 10 -- STABILITY AND REACTIVITY

STABILITY: Stable
 CONDITIONS TO AVOID: None
 INCOMPATIBILITY (MATERIALS TO AVOID): None known.
 HAZARDOUS DECOMPOSITION PRODUCTS: None known.
 HAZARDOUS POLYMERIZATION: Will not occur.

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Section 11 -- TOXICOLOGY INFORMATION

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

Ingredient Name

Sodium Silicate
Oral-Rat LD50:2000-3000 mg/kg
Inhalation-Rat:N/D
Calcium Magnesium Silicate
Oral-Rat LD50:N/D
Inhalation-Rat:N/D
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Section 12 -- Ecological Information

ECOLOGICAL DATA

Ingredient Name

Sodium Silicate
Food Chain Concentration Potential N/D
Waterfowl Toxicity N/D
BOD N/D
Aquatic Toxicity N/D
Calcium Magnesium Silicate
Food Chain Concentration Potential N/D
Waterfowl Toxicity N/D
BOD N/D
Aquatic Toxicity N/D
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Section 13 -- DISPOSAL CONSIDERATIONS

Waste Classification: Non-regulated solid waste
Disposal Method: Approved landfill
Waste from this product is not considered hazardous as defined under the
Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in
accordance with Federal, State, and Local regulation regarding pollution.
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Section 14 -- TRANSPORTATION INFORMATION

DOT: Non-Regulated
OCEAN (IMDG): Non-Regulated
AIR (IATA): Non-Regulated
WHMIS (CANADA): Non-Regulated
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Section 15 -- REGULATORY INFORMATION

REGULATORY DATA

Ingredient Name

Sodium Silicate
SARA 313 No
TSCA Inventory Yes
CERCLA RQ N/A
RCRA Code N/A
Calcium Magnesium Silicate
SARA 313 No
TSCA Inventory Yes
CERCLA RQ N/A
RCRA Code N/A
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Section 16 -- OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication
Standard (29 CFR 1910.1200). The information herein is given in good faith,
but no warranty, expressed or implied is made. Consult RectorSeal for further
information: (713) 263-8001