

## SAFETY DATA SHEET

SDS 0260

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 Section 1 -- PRODUCT AND COMPANY IDENTIFICATION  
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PRODUCT NAME	Pyroseal	HMIS CODES	Health 1 Flammability 0 Reactivity 0 PPI B
PRODUCT CODES	68612, 68614, 68616, 68618, 68620		
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		

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 Section 2 -- HAZARDS IDENTIFICATION  
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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

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 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.

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 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.

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Section 3 -- COMPOSITION/INFORMATION ON INGREDIENTS  
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INGREDIENT: Sodium Silicate  
PERCENTAGE BY WEIGHT: 15.77  
CAS#: 1344-09-8  
EC#: 229-912-9  
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INGREDIENT: Calcium Magnesium Silicate  
PERCENTAGE BY WEIGHT: 25.42  
CAS#: 13983-17-0  
EC#: 237-772-5  
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Section 4 -- FIRST AID MEASURES  
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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.

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Section 5 -- FIRE FIGHTING MEASURES  
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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  
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Section 6 -- ACCIDENTAL RELEASE MEASURES  
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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.  
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Section 7 -- HANDLING AND STORAGE  
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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.  
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Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION  
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INGREDIENT                      UNITS  
Sodium Silicate  
    ACGIH TLV            N/D  
    OSHA PEL             N/D  
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Calcium Magnesium Silicate  
    ACGIH TLV            N/D  
    OSHA PEL             N/D  
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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.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES  
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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)

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Section 10 -- STABILITY AND REACTIVITY  
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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  
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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  
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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

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Section 13 -- DISPOSAL CONSIDERATIONS  
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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.  
=====Section 14 -- TRANSPORTATION INFORMATION  
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DOT: Non-Regulated

OCEAN (IMDG): Non-Regulated

AIR (IATA): Non-Regulated

WHMIS (CANADA): Non-Regulated  
=====Section 15 -- REGULATORY INFORMATION  
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## REGULATORY DATA

Ingredient Name  
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## 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

  
=====Section 16 -- OTHER INFORMATION  
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