

MATERIAL SAFETY DATA SHEET
MSDS 0260

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

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

EC#: 237-772-5

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.

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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

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.

Laundry contaminated clothing before reuse.
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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)
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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,

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further
information: (713) 263-8001