



## SAFETY DATA SHEET

### SEALMASTER™ Seals leaks in steam systems

#### SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product Name  
Sealmaster™

Product Codes  
68722, 68724

Chemical Family  
Inorganic

Use  
Boiler water treatment

Manufacturer's Name  
The RectorSeal Corporation  
2601 Spenwick Drive  
Houston, Texas 77055 USA

Date of Validation  
January 23, 2015

Date of Preparation  
October 8, 2012

HMIS Codes  
Health 1  
Flammability 0  
Reactivity 0  
PPI B

Emergency Telephone No.  
Chemtrec 24 Hours  
(800)-424-9300 USA  
(703)-527-3887 International

Technical Service Telephone No.  
(800)-231-3345 or (713)-263-8001

#### 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**

Repeated inhalation may cause respiratory irritation. Avoid inhaling powder.

### **Route Of Exposure, Signs And Symptoms**

#### **INHALATION**

Dust may cause irritation to lungs and respiratory tract. Avoid inhaling powder.

#### **EYE CONTACT**

Contact may cause eye irritation.

#### **SKIN CONTACT**

None known.

#### **INGESTION**

May cause irritation of the digestive tract.

#### **SUMMARY OF CHRONIC HAZARDS**

None known.

#### **MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

Individuals with pre-existing or chronic diseases of the eyes and respiratory system may have increased susceptibility to excessive exposure.

## SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

**Ingredient:** Sodium Silicate

Percentage By Weight: 3.05

CAS Number: 1344-09-8

EC#: 215-687-4

**Ingredient:** Calcium Magnesium Silicate

Percentage By Weight: 6.12

CAS Number: 13983-17-0

EC#: 237-772-5

## SECTION 4 – FIRST AID MEASURES

|               |   |
|---------------|---|
| If inhaled:   | N/A   |
| If on skin:   | Wash thoroughly with soap and water. Wash clothing before reuse.  |
| If in eyes:   | IMMEDIATELY flush eyes with a directed stream of water for at least 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. |
| 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**

Non-combustible. Use agents appropriate for surrounding fires.

**Special Fire Fighting Procedures:** Wear self-contained breathing apparatus (SCBA) and other protective clothing.

**Unusual Fire And Explosion Hazards:** None known.

## SECTION 6 – ACCIDENTAL RELEASE MEASURES

**Steps To Be Taken In Case Material Is Released Or Spilled:** Use absorbent to prevent footing hazard. Wash down area with water.

## SECTION 7 – HANDLING AND STORAGE

**Precautions To Be Taken In Handling And Storing:** Keep container closed and upright when not in use. Keep container properly labeled.

**Other Precautions:** Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain product residues; treat as if full and observe all product precautions. Do not reuse empty containers.

KEEP OUT OF REACH OF CHILDREN.

## SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

| Ingredient                        | Units |
|-----------------------------------|-------|
| <b>Sodium Silicate</b>            |       |
| ACGIH TLV:                        | N/D   |
| OSHA PEL:                         | N/D   |
| <b>Calcium Magnesium Silicate</b> |       |
| ACGIH TLV:                        | N/D   |
| OSHA PEL:                         | N/D   |

**Respiratory Protection (Specify Type):** None required.

**Ventilation – Local Exhaust:** N/A

**Special:** N/A

**Mechanical (General):** N/A

**Other:** N/A

**Protective Gloves:** Natural rubber or neoprene.

**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/D                    |
| Specific gravity (H <sub>2</sub> O = 1):  | 1.42                   |
| Vapor pressure (mmHg):  | N/A                    |
| Melting point:  | N/A                    |
| Vapor Density (Air = 1):  | 1                      |
| Evaporation rate (Ethyl Acetate = 1):   | < 1                    |
| Appearance/Odor:  | White liquid/Mild odor |
| Solubility in water:  | Soluble                |
| Volatile Organic Compounds (VOC) Content<br>(theoretical percentage by weight): | 0% or (0 g/L)          |
| Flash point:  | None                   |
| Lower explosion limit:  | N/D                    |
| Upper explosion limit:  | N/D                    |

## SECTION 10 – STABILITY AND REACTIVITY

**Stability:** Stable

**Conditions To Avoid:** None known.

**Incompatibility (Materials To Avoid):** None known.

**Hazardous Decomposition Products:** None known.

**Hazardous Polymerization:** Will not occur.

## SECTION 11 – TOXICOLOGY INFORMATION

**Chronic Health Hazards**

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

## Toxicology Data

## Ingredient Name

**Sodium Silicate**

Oral-Rat LD50: 1153 mg/kg

Inhalation-Rat LC50: N/D

**Calcium Magnesium Silicate**

Oral-Rat LDLo: 200 mg/kg

Inhalation-Rat: N/D

## 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

Ingredient Name: **Calcium Magnesium Silicate**

Food Chain Concentration Potential: N/D

Waterfowl Toxicity: N/D

BOD: N/D

Aquatic Toxicity: N/D

## SECTION 13 – DISPOSAL CONSIDERATIONS

**Waste Classification:** Non-regulated liquid

**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

|                 |               |
|-----------------|---------------|
| DOT:            | Non-regulated |
| Ocean (IMDG):   | Non-regulated |
| Air (IATA):     | Non-regulated |
| WHMIS (Canada): | Non-regulated |

## SECTION 15 – REGULATORY INFORMATION

**Regulatory Data**

Ingredient Name: **Sodium Silicate**

SARA 313 N/A

TSCA Inventory Yes

CERCLA RQ N/A

RCRA Code N/A

Ingredient Name: **Calcium Magnesium Silicate**

SARA 313 N/A

TSCA Inventory Yes

CERCLA RQ N/A

RCRA Code N/A

## 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