



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

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 ₂ O = 1):	1.42
Vapor pressure (mmHg):	N/D
Melting point:	N/D
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 (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

Implant-Rat TDLo: 200 mg/kg

Inhalation-Rat LC₅₀: 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

Regulatory Data (cont.)

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