

SAFETY DATA SHEET

Date Issued: 3/5/15

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SECTION 1 – COMPANY and PRODUCT IDENTIFICATION

MANUFACTURER

GARDNER-GIBSON CORPORATION

4161 East 7th Avenue

Tampa, FL 33605

EMERGENCY TELEPHONE NUMBER

1-800-424-9300 CHEMTREC

Product Information

813-248-2101

gardner-gibson.com

Product Class

Inorganic Sealant used in building construction.

Product Code Number

3619-5-61

Trade Name

Flame Stopper 2000 Standard Firestop Sealant - Red

SECTION 2 – HAZARDS IDENTIFICATION



Product Classification: WARNING

Acute Oral Toxicity: Category 4

Skin Irritant: Category 2

Eye Irritant: Category 2A

Effects of acute toxicity:

EYES: Direct contact causes serious and possibly severe irritation.

SKIN: Direct contact may cause severe skin irritation and possibly burns.

INHALATION: May cause serious irritation to respiratory passages.

INGESTION: May cause severe burns of the esophagus and gastrointestinal tract with vomiting, nausea, and diarrhea. May cause swelling and tissue destruction to the mucous membranes of the mouth, throat, esophagus, and stomach.

Precautions:

Wear suitable protective clothing, chemical resistant gloves and eye protection.

If the product adheres to exposed skin, severe irritation may occur.

Use with local exhaust ventilation.

Do not take internally. Wash hands immediately after use and before eating or drinking.

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SECTION 3 – COMPOSITION / INFORMATION on INGREDIENTS

INGREDIENT	Content (By Weight)	TLV PPM	PEL - TWA PPM
Silicic acid, sodium salt (Sodium Silicate) CAS # 1344-09-8	13.0 - 15.0%	N.E.	N.E.
Water CAS # 7732-18-5	26.0 - 29.0%	N.A.	N.A.
All other ingredients in this waterborne product are trade secret.	56.0 - 61.0%	N.A.	N.A.

There are no ingredients in this product of unknown acute toxicity.

CAS = Chemical Abstracts Service

N.E. = Not Established

N.A. = Not Applicable

SECTION 4 – FIRST-AID MEASURES

Inhalation: If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. If signs/symptoms of difficulty in breathing continue, get immediate medical attention.

Skin: Rinse skin immediately with plenty of clean water for 5 to 10 minutes. Remove contaminated clothing and shoes. If skin irritation occurs get medical advice/attention.

Eye(s): Immediately flush eyes with a directed stream of clean water for 15 minutes, forcibly holding eyelids open to ensure complete irrigation of all eye and eyelid tissues. Remove contact lenses if present. Continue rinsing. If eye irritation persists get medical attention.

Ingestion: If swallowed, do not induce vomiting. If conscious, give 2 to 3 glasses of water. If vomiting occurs spontaneously, keep airway clear. Give more water when vomiting stops. Get medical attention immediately.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Use extinguishing media that is appropriate for a surrounding fire.

Unusual Fire and Explosion Hazards: None known

Special Fire Fighting Procedures: Water can be used to cool fire-exposed containers. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled: Observe all personal protective equipment recommendations described in Section 8. Wipe up or scrape up spilled material and contain for disposal. Spilled material may be slippery under foot when wet or when rinsed with water. Final cleaning may require use of hot water and/or detergents. Dispose of saturated absorbent or cleaning materials appropriately.

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SECTION 7 – HANDLING and STORAGE

Precautions for safe handling: Keep away from extreme heat. Do not get in eyes, on skin, or on clothing. Do not swallow product. Wash thoroughly after handling. Use with adequate ventilation.

Conditions for safe storage: Store in a cool, dry place in the original container. Keep container closed when not in use. Store the product away from strong oxidizing chemicals. Avoid extreme heat. Store above 7 °C (45 °F). Product will freeze below 0 °C (32 °F).

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Use with adequate ventilation.

Skin Protection: Chemical resistant gloves are recommended.

Eye Protection: Wear safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: None required.

SECTION 9 – PHYSICAL and CHEMICAL PROPERTIES

Appearance (Physical state, color):	Thick fluid paste, dark red
Odor:	Mild, nonresidual
Odor Threshold:	No information is available.
pH:	11.5 – 12.3
Melting point:	No data is available.
Initial Boiling Point & Boiling Range:	100 °C to 244 °C (212 °F to 471 °F)
Flash Point:	None
Evaporation Rate:	Slower than Ether
Flammability:	Nonflammable
Upper/Lower Flammability Limits:	Nonflammable
Vapor Pressure:	17.5 mm Hg @ 20 °C (68 °F)
Vapor Density:	Heavier than air
Density:	1.86 g/cm ³ (15.5 Lbs/gal) 21 °C (70 °F)
Solubility (in water):	Dispersible in water
Partition coefficient (n-octanol/water):	No data is available.
Auto-ignition temperature:	No data is available.
Decomposition temperature:	>250 °C (482 °F)
Viscosity (Brookfield RV, 5 rpm):	700,000 cP ± 200,000 @ 21 °C (70 °F)

SECTION 10 – STABILITY and REACTIVITY

Reactivity: No hazardous reactions if stored in the original container and handled as prescribed.

Chemical Stability: The product is stable if stored and handled as prescribed.

Hazardous decomposition products: None known.

Hazardous polymerization: Will not occur. The product is chemically stable.

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SECTION 11 – TOXICOLOGICAL INFORMATION

Primary routes of exposure: Routes of entry for the product into the human body are accidental ingestion, accidental eye contact, and prolonged skin contact. Inhalation of the vapor released from the product as it dries is dependent upon the absence of proper ventilation during use of the product.

Acute Toxicity/Effects:

EYES: Direct contact causes serious and possibly severe irritation.

SKIN: Direct contact may cause severe skin irritation and possibly burns.

INHALATION: May cause serious irritation to respiratory passages.

INGESTION: May cause severe burns of the esophagus and gastrointestinal tract with vomiting, nausea, and diarrhea. May cause swelling and tissue destruction to the mucous membranes of the mouth, throat, esophagus, and stomach.

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

No human toxicological studies (Oral, Inhalation or Dermal) have been conducted on this compounded product.

No animal toxicological studies (Oral, Inhalation or Dermal) have been conducted on this compounded product.

Chronic Toxicity/Effects:

EYES: No data available.

SKIN: No data available.

INHALATION: No data available.

INGESTION: No data available.

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Fate: No data available.

Persistence/Degradability: This material is believed to persist in the environment. This material is inorganic and not subject to biodegradation.

Bioaccumulation Potential: This material is not expected to bioconcentrate in organisms.

Mobility in Soil: No data available.

Aquatic Toxicity: This material is believed to be practically nontoxic to aquatic life.

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose of unused product and/or empty containers in accordance with local, regional, national, and/or international regulations.

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SECTION 14 – TRANSPORT INFORMATION

DOT Proper Shipping Name: Not Regulated by D.O.T.

DOT Hazard Class: None

DOT UN/NA Number: None

Packing Group: None

IMO/IMDG – International Maritime Transport Shipping Name: Not Regulated.

IATA – International Air Transportation Association: Not Regulated.

Do not transport this product on passenger seats or inside the passenger compartment of any vehicle. Transport product in the cargo area of the vehicle and secure it on and under protective cloths or plastic wrap to prevent damage due to accidental spills.

SECTION 15 – REGULATORY INFORMATION

SARA Title III – No substances are contained in this product subject to the reporting requirements of EPCRA Section 313 of the Super Fund Amendments and Reauthorization Act, 40 CFR Part 372.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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

California Proposition 65 Chemical Warning (California Health & Safety Code #25249.5 et seq): This product contains chemicals known to the state of California to cause cancer, birth defects or reproductive harm.

SECTION 16 – OTHER INFORMATION

Hazardous Materials Identification System (HMIS)

Health	Flammability	Physical Hazard	Personal Protection Equipment (PPE)
2	0	0	B – Safety glasses and gloves

Legend: 0 = Insignificant 1 = Slight 2 = Moderate 3 = High

Other Precautions: Keep out of the reach of children.

Protect from freezing.

Disclaimer/Statement of Liability:

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to verify the suitability and completeness of such information for a particular use. Gardner-Gibson does not accept liability for any loss or damage that may occur from the use of this information.

Prepared by: Morton Jones

3-5-15

Product # 3619-5-61