

SAFETY DATA SHEET



F88 Chimney Seal, Part B, Urethane Membrane

Date Issued : 05/18/2015

SDS No : SCC-F88B

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: F88 Chimney Seal, Part B, Urethane Membrane**PRODUCT CODE:** F88GB**CHEMICAL FAMILY:** Urethane**MANUFACTURER**

Sauereisen
160 Gamma Drive
Pittsburgh, PA 15238

Emergency Contact: John Kozak**Emergency Phone:** (800)444-8235**Alternate Contact:** Don Schubert**Customer Service:** 412 963-0303**E-Mail:** jakozak@sauereisen.com**24 HR. EMERGENCY TELEPHONE NUMBERS**

Poison Control Center (Medical):1-800-222-1222

CHEMTREC (US Transportation): 1-800-424-9300

CHEMTREC (Canada Transportation):1-703-527-3887

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Acute Toxicity (Oral), Category 4
Eye Irritation, Category 2B
Skin Irritation, Category 2
Respiratory Tract Irritation, Category 3
Acute Toxicity (Dermal), Category 5

GHS LABEL

Exclamation
mark

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H315: Causes skin irritation.
H227: Combustible liquid.
H320: Causes eye irritation.
H302: Harmful if swallowed.
H335: May cause respiratory irritation.
H313: May be harmful in contact with skin.

PRECAUTIONARY STATEMENTS**Prevention:**

P264: Wash ... thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P271: Use only outdoors or in a well-ventilated area.

Response:

P301+P312: IF SWALLOWED: Call a POISON CENTER/ doctor/...if you feel unwell.

P330: Rinse mouth.

P302+P352: IF ON SKIN: Wash with plenty of water/...

P321: Specific treatment (see ... on this label).

P332+P313: If skin irritation occurs: Get medical advice/attention.

P362: Take off contaminated clothing.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312: Call a POISON CENTER/doctor/...if you feel unwell.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with local/national regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Name | Wt.% | CAS |
|---|------|------------|
| asphalt (cutback) | < 15 | 8052-42-4 |
| Distillates, Petroleum, Hydrotreated Heavy Naphthenic | < 20 | 64742-52-5 |
| 1,3-butadiene | < 60 | 106-99-0 |

4. FIRST AID MEASURES

EYES: Check for and remove all contact lenses. Flush eyes immediately with water or physiological saline for at least 15 minutes while lifting upper and lower lids. Do not use eye ointment. Seek medical attention.

SKIN: Wash contact area thoroughly with soap and water. Remove contaminated clothing. Launder before reuse. Seek medical attention if erythema develops.

INGESTION: If swallowed, do not induce vomiting. Give large quantities of water. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

INHALATION: If difficulty breathing, move to fresh air once. For acute overexposure, give oxygen if breathing is difficult. Apply artificial respiration if breathing has stopped. Keep patient warm and at rest. Seek immediate medical attention.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: Can cause redness, tearing, Irritation, inflammation and corneal opacity.

SKIN: Moderate irritation and dryness. Prolonged or repeated exposure may result in sensitization.

INHALATION: Inhalation may cause dizziness, stupor, unconsciousness, central nervous system depression, weakness, vomiting, drowsiness, blurred vision, headache and nausea.

CHRONIC EFFECTS: Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic response. Ingestion may cause bleeding of the gastrointestinal tract and the vomiting of blood.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Do not use water, which may spread fire. Extinguish with foam, dry chemical, carbon dioxide, earth or sand.

HAZARDOUS COMBUSTION PRODUCTS: Combustion products may be toxic.

EXPLOSION HAZARDS: Not sensitive to mechanical impact or static discharge

FIRE FIGHTING PROCEDURES: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

FIRE FIGHTING EQUIPMENT: Toxic fumes will be evolved when this material is involved in a fire. Self-contained breathing apparatus should be available for fire fighters.

FIRE EXPLOSION: Sudden reaction and fire may result if this product is mixed with an oxidizing agent. Cool fire exposed

containers with water.

SENSITIVE TO STATIC DISCHARGE: None

SENSITIVITY TO IMPACT: None

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Absorb with non-combustible, granular material (e.g. sand) Remove by mechanical means and place material in covered container temporarily for later disposal.

LARGE SPILL: Evacuate area. Turn off ignition sources. Stop leak, if possible without risk. Wear self-contained breathing apparatus and full protective clothing during clean up. Dike spill and pump into salvage tank. Absorb remaining liquid with sand or other non-combustible, granular material. Remove by mechanical means.

7. HANDLING AND STORAGE

GENERAL PROCEDURES:

- Avoid contact with eyes, skin, and clothing.
- For industrial use only! Do not take internally.
- May cause irritation.
- Do not eat, drink or smoke when using this product.
- Wear chemical splash goggles, gloves and protective clothing.
- Avoid high ambient temperatures and humidity.
- Wash thoroughly after handling.

STORAGE: Store in a cool, dry place.

- Keep container closed when not in use.
- Store away from direct heat and flame.
- Keep away from food and drinking water.
- Store out of direct sunlight.
- DO NOT SMOKE where product is used or stored.
- Store in a well-ventilated place.
- Always mix well before using.
- Store away from combustible and incompatible materials.
- Ground containers when transferring materials.
- Remove all sources of ignition or sparks from area.
- Empty containers may have residue and flammable vapors. Do not expose to head, cut, weld, or puncture empty container

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

| OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200) | | | | |
|---|-----------------|------|-----|-------------------|
| Chemical Name | EXPOSURE LIMITS | | | |
| | Type | | ppm | mg/m ³ |
| asphalt (cutback) | ACGIH TLV | TWA | | 5 |
| Distillates, Petroleum, Hydrotreated Heavy Naphthenic | OSHA PEL | STEL | | 5 |
| | ACGIH TLV | TWA | | 5 |
| | Supplier OEL | TWA | NL | NL |
| | | STEL | NL | NL |
| 1,3-butadiene | OSHA PEL | TWA | 1 | - |
| | | STEL | 5 | |
| | ACGIH TLV | TWA | 2 | 4.4 |

ENGINEERING CONTROLS: Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Chemical resistant goggles and/or face shield.

SKIN: Suitable protective gloves (neoprene, butyl rubber, or viton). Clothing should be clean, long-sleeved workclothes. Synthetic apron. Boots. Wash thoroughly before eating, smoking, applying cosmetics, etc. Thoroughly launder work clothes before reuse. Safety shower nearby.

RESPIRATORY: Use organic vapor cartridges in respirators. If TLV of any component is exceeded use appropriate respiratory protection or ventilate in accordance with OSHA Regulation 29 CFR Part 1910.V.

PROTECTIVE CLOTHING: Wash contact area thoroughly with soap and water. Remove contaminated clothing. Launder before reuse. Seek medical attention if erythema develops.

WORK HYGIENIC PRACTICES: Wash thoroughly after handling. Safety shower and eyewash station should be within direct access. Keep containers closed.

9. PHYSICAL AND CHEMICAL PROPERTIES

ODOR: Characteristic Asphalt odor

APPEARANCE: Liquid

COLOR: Black

pH: NA = Not Applicable

PERCENT VOLATILE: 0

FLASH POINT AND METHOD: (325°F)

FLAMMABLE LIMITS: NE to NE

AUTOIGNITION TEMPERATURE: Not Established

VAPOR PRESSURE: 16

VAPOR DENSITY: 16

BOILING POINT: > (350°F)

SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY: 1

(VOC): 96

10. STABILITY AND REACTIVITY

REACTIVITY: Yes

HAZARDOUS POLYMERIZATION: None

STABILITY: Stable under normal conditions of use and storage.

CONDITIONS TO AVOID: Avoid excessive heat and flame. May react with strong oxidants such as chlorates, bromides, and nitrates.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition or burning may produce toxic compounds such as carbon monoxide, carbon dioxide, sulfur oxides, various complex organic compounds

INCOMPATIBLE MATERIALS: Materials to avoid: Strong oxidants such as liquid chlorine, pure oxygen, or calcium hypochloride.

11. TOXICOLOGICAL INFORMATION**ACUTE TOXICITY**

DERMAL LD₅₀: > 2000 mg/kg (rabbit)

ORAL LD₅₀: 2000 mg/kg (rat)

INHALATION LC₅₀: Not Available

SERIOUS EYE DAMAGE/IRRITATION: Eye, Skin and Inhalation Irritant.

RESPIRATORY OR SKIN SENSITISATION: Skin and Respiratory sensitizer.

GERM CELL MUTAGENICITY: No Data Available

STOT-SINGLE EXPOSURE: May cause Liver or Kidney damage, may affect the blood or blood-forming organs.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: May be dangerous if it enters water intakes. Notify Local health and Pollution control officials. Notify operators of nearby water intakes.

Asphalt can have disastrous effects on bottom life.

AQUATIC TOXICITY (ACUTE): TLM 96 > 1000 ppm

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: The packaging and material may be disposed of in landfills; however, material should be covered or wetted to minimize generation of airborne dust.

EMPTY CONTAINER: Disposal must be made according to official regulations.

RCRA/EPA WASTE INFORMATION: Crystalline silica (quartz) is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40 CFR 261 et seq.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Not Regulated

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

UN/NA NUMBER: NA

PACKING GROUP: NA

LABEL: NA = Not Applicable

ROAD AND RAIL (ADR/RID)

PROPER SHIPPING NAME: Not Regulated

UN NUMBER: NA

HAZARD CLASS: Not Regulated

PACKING GROUP: NA

LABEL: None

AIR (ICAO/IATA)

SHIPPING NAME: Not Regulated

TECHNICAL NAME: NA = Not Applicable

UN/NA NUMBER: NA

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

PACKING GROUP: NA

VESSEL (IMO/IMDG)

SHIPPING NAME: Not Regulated

TECHNICAL NAME: NA = Not Applicable

UN/NA NUMBER: NA

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

PACKING GROUP: NA

CANADA TRANSPORT OF DANGEROUS GOODS

SHIPPING NAME: Not Regulated

UN/NA NUMBER: NA

PRIMARY HAZARD CLASS/DIVISION: Not Regulated

PACKING GROUP: NA

LABEL: None

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION

R18: In use, may form flammable/explosive vapour-air mixture.
 R21/22: Harmful in contact with skin and if swallowed.
 S20/21: When using do not eat, drink or smoke.
 S24/25: Avoid contact with skin and eyes.
 S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.
 S7/8: Keep container tightly closed and dry.
 S7/9: Keep container tightly closed and in a well-ventilated place.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Chronic. Fire Hazard. Irritant.

313 REPORTABLE INGREDIENTS: There are no listed chemicals above detection limits in this compound.

EPCRA SECTION 313 SUPPLIER NOTIFICATION

| Chemical Name | Wt.% | CAS |
|---------------|------|----------|
| 1,3-butadiene | < 60 | 106-99-0 |

TITLE III NOTES: None above detection limits.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: Crystalline silica (Quartz) is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Acts (CERCLA), 40 CFR 302

| Chemical Name | Wt.% | CERCLA RQ |
|---------------|------|-----------|
| 1,3-butadiene | < 60 | 10 |

TSCA (TOXIC SUBSTANCE CONTROL ACT)

| Chemical Name | CAS |
|---|------------|
| asphalt (cutback) | 8052-42-4 |
| Distillates, Petroleum, Hydrotreated Heavy Naphthenic | 64742-52-5 |
| 1,3-butadiene | 106-99-0 |

TSCA STATUS: Components are included in the EPA Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

CLEAN AIR ACT

| Chemical Name | Wt.% | CAS |
|---------------|------|----------|
| 1,3-butadiene | < 60 | 106-99-0 |

REGULATIONS

STATE REGULATIONS:

Massachusetts Toxic Use Reduction Act- Silica, Crystalline (respirable size, <10microns) is toxic for purposes of the Massachusetts Toxic Use Reduction Act

Pennsylvania Worker and Community Right to Know Act- Quartz is a hazardous substance under the act, but it is not a special hazardous substance or an environmental hazardous substance.

California Inhalation Reference Exposure Level (REL)- California established a chronic REL of 3 ug for silica crystalline, respirable). A chronic REL is an airborne level of a substance at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.

CALIFORNIA PROPOSITION 65: Known to the State of California to cause cancer or reproductive toxicity and subject to warning and discharge requirements under the "Safe Drinking Act of 1986".

It has not been determined and cannot be ascertained that this product would not expose users to the listed chemicals at the very low level prescribed in the regulations. Therefore, it is the user's responsibility to determine if the percent of the hazardous / carcinogenic ingredients listed elsewhere in the SDS comply with State of California regulations.

| Chemical Name | Wt.% | Listed |
|---------------|------|--|
| 1,3-butadiene | < 60 | <ul style="list-style-type: none"> ● Cancer ● Developmental Toxicity ● Female Reproductive ● Male Reproductive |

RCRA STATUS: Crystalline silica (quartz) is not classified as a hazardous waste under the Resource Conservation and Recovery Act, or its regulations, 40CFR 261 et seq.

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



Toxic



Combustible
Liquid

R18: In use, may form flammable/explosive vapour-air mixture.

R21/22: Harmful in contact with skin and if swallowed.

S20/21: When using do not eat, drink or smoke.

S24/25: Avoid contact with skin and eyes.

S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.

S7/8: Keep container tightly closed and dry.

S7/9: Keep container tightly closed and in a well-ventilated place.

WHMIS CLASS: Class B, Division 2, Flammable Liquid.

Class D, Division 2, Subdivision B: Materials cause other toxic effects, toxic material.

DOMESTIC SUBSTANCE LIST (INVENTORY): Components included on inventory

16. OTHER INFORMATION

PREPARED BY: John A Kozak **Date Prepared:** 05/18/2015

HMIS RATING

| | | |
|---------------------|--------------------------------|---|
| HEALTH | <input type="text" value="1"/> | 1 |
| FLAMMABILITY | <input type="text" value="1"/> | 1 |
| PHYSICAL HAZARD | <input type="text" value="0"/> | 0 |
| PERSONAL PROTECTION | <input type="text" value="H"/> | H |