

## SAFETY DATA SHEET



88S Fib-R-Thane Sprayable, Part B, Liquid

Date Issued : 05/15/2015

SDS No : SCC-088SB

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** 88S Fib-R-Thane Sprayable, Part B, Liquid**PRODUCT DESCRIPTION:** Fib-R-Thane, Part B, Liquid**PRODUCT CODE:** 88SGB**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)	< 30	8052-42-4
Distillates, Petroleum, Hydrotreated Heavy Naphthenic	< 35	64742-52-5
1,3-butadiene	< 20	106-99-0
Carbon Black	< 5	1333-86-4
Silica, Amorphous, Fumed	< 1	112945-52-5
Chopped Fiberglass	< 5	NE

**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:** The adverse health effects-- silicosis, lung cancer, autoimmune and chronic kidney diseases, tuberculosis and non-malignant respiratory diseases-- are chronic effects.

**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 <sup>3</sup>
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
Carbon Black	OSHA PEL	TWA		3.5
	ACGIH TLV	TWA		3.5
Silica, Amorphous, Fumed	OSHA PEL	STEL		0.1
	ACGIH TLV	TWA		0.025
Chopped Fiberglass	OSHA PEL	STEL		5
	ACGIH TLV	TWA	5	

**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.

**OTHER USE PRECAUTIONS:** \*\*\*This product contains encapsulated silica. By OSHA letter of interpretation, the silica is not considered respirable in either the cement paste form or cured cement form. However, if the cured cement is polished, ground or chipped during processing, handling or use, the silica maybe released as an airborne respirable particle. In these instances appropriate personal protection equipment and local ventilation controls must be employed.

**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:** 0 to 0

**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 LD<sub>50</sub>:** > 2000 mg/kg (rabbit)

**ORAL LD<sub>50</sub>:** 2000 mg/kg (rat)

**INHALATION LC<sub>50</sub>:** Not Available

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

**RESPIRATORY OR SKIN SENSITISATION:** Skin and Respiratory sensitizer.

### CARCINOGENICITY

**IARC:** Silica is listed as having sufficient evidence to be a carcinogen in humans and in experimental animals, for the carcinogenicity of quartz and cristobalite. The overall IARC evaluation was that crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (group 1).

**NTP:** The National Toxicology Program, in its Ninth Annual report on Carcinogens, classified "silica, crystalline (respirable)" as a known human carcinogen.

**OSHA:** Crystalline Silica (Quartz) is not regulated by the US Occupational Safety and Health Administration as a carcinogen.

### STOT-SINGLE EXPOSURE:

·Nephrotoxicity - Recent studies suggest that exposure to respirable crystalline silica or that the disease silicosis is associated with the increased incidence of kidney disorders.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Crystalline silica (quartz) is not known to be an environmental hazard.

**ECOTOXICOLOGICAL INFORMATION:** Crystalline silica (quartz) is not known to be ecotoxic. There is no data that suggests that crystalline silica (quartz) is toxic to birds, fish, invertebrates, microorganisms or plants.

**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	< 20	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	< 20	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
Carbon Black	1333-86-4

**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	< 20	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	< 20	<ul style="list-style-type: none"> <li>● Cancer</li> <li>● Developmental Toxicity</li> <li>● Female Reproductive</li> <li>● Male Reproductive</li> </ul>
Carbon Black	< 5	Cancer

**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:** 05/15/2015

**HMIS RATING**

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