Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Heat Shield Blanket
Product Number:	235-4010
UFI Number:	M8E9-7SD9-G60K-2R5G
Recommended use:	Self-adhering aluminized heat shield material used for reflecting radiant energy. Normally supplied in 5" x 7" sheets.
Supplier:	CircuitMedic 22 Parkridge Road, Haverhill, MA 01835 USA PHONE: 978-373-1600, FAX: 978-372-5700
Emergency Response:	For Chemical Emergency Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night Within USA and Canada: 1-800-424-9300 CCN4877 Outside USA and Canada: +1 703-527-3887 (collect calls accepted)

Section 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification in Accordance with 29 CFR 1910 (OSHA HCS):
Health, Specific target organ toxicity - Single exposure, 3 Health, Skin corrosion/irritation, 3

2.2 Label Elements

Hazard pictograms:	
Signal Words:	Warning
GHS Class:	No information available.
Hazard Statements:	H335 - May cause respiratory irritation. H316 - Causes mild skin irritation.
Precautionary Statements:	P264 - Wash thoroughly after handling.

2.3 Other Hazards

Route of Entry: This material may enter the body through inhalation of nuisance dust.
Target Organs: Respiratory system.
Inhalation: Sore, raspy throat.
Skin Contact: Redness and possible rash.
Eye Contact: Itching and redness.
Ingestion: N/A

Section 3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1. Substance		
Not applicable		
3.2 Mixtures		
C.A.S. Number	**Concentration**	**Chemical Name**
65997-17-3	68-78%	Fibrous Glass
7429-90-5	7.3-9.3%	Aluminum Foil
67700-43-0	1.8-2.8%	Urethane Adhesive
9003-01-4	15.4-17.4%	Acrylic Adhesive
63394-01-4	-	Silicone Coated Paper

Fibrous Glass (CAS 65997-17-3)(68-78%)
Exposure Limits: OSHA PEL 15 mg/m3 (total), 5 mg/m3 (respirable). ACGIH TLV 1 f/cc

Section 4. FIRST-AID MEASURES

4.1 Description of first aid measures	
Inhalation:	Remove person to fresh air. If condition persists, seek medical attention.
Skin Contact:	Rinse with copious quantities of cool water. If rash or itching persists, seek medical attention.
Eye Contact:	Rinse with water. Do not rub eyes. Seek medical attention.
Ingestion:	Not applicable.
4.2. Most important symptoms and effects, both acute and delayed	
No additional information.	
4.3 Indication of any immediate medical attention and special treatment needed	
No additional information.	

Section 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media	
Extinguishing Media:	Water, carbon dioxide, or dry chemical.
Unsuitable Media:	No additional information.
5.2 Special hazards arising from the substance or mixture	
Hazardous Combustion Byproducts:	Thermal decomposition of fiber coating may produce irritating smoke or fumes.
Unusual Fire Hazards:	No additional information.
5.3 Advice for firefighters	
Fire Fighting Instructions:	Thermal decomposition of fiber coating may produce irritating smoke or fumes.
Protective Equipment:	Wear self-contained breathing apparatus and full protective gear.

Section 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures	
Personnel Precautions:	No additional information.
6.2 Environmental precautions	
Environmental Precautions:	No additional information.
6.3 Methods and material for containment and cleaning up	
Methods for Containment:	Material is a solid in roll form. If accidentally released, rewind material back onto roll.
Methods for Cleanup:	Material is a solid in roll form. If accidentally released, rewind material back onto roll.
Other Spill Precautions:	No information available.
6.4 Reference to other sections	
No additional information.	

Section 7. HANDLING AND STORAGE

7.1 Precautions for safe handling	
Handling:	Use adequate material handling equipment.
Special Handling:	No information available.
Hygiene Practices:	Use good personal hygiene practices.
7.2 Conditions for safe storage, including any incompatibilities	
Storage:	Store in dry place. Use may be at temperature extremes based on product data, but storage should be at ambient temperature.
7.3. Specific end use(s)	
No additional information.	

Section 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters	
Local exhaust; dust collection.	
8.2 Exposure controls	
Engineering Controls:	Local exhaust; dust collection.
Individual protection measures	
Eye Protection:	Safety glasses.
Skin Protection:	Cotton gloves; long sleeve clothing.
Respiratory Protection:	No information available.
Other Protective:	No information available.
Hygiene Practices:	Wash thoroughly with soap and water after handling.

8.3 Exposure Limits

No information available.

Section 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Aluminized Fabric Tape
Physical state:	Solid
Odor:	No Odor
Specific Gravity or Density:	2.2
Solubility:	Negligible
Boiling point:	Not applicable
Freezing or Melting Point:	> 500 F
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Potentia Hydrogenii:	Not applicable

Section 10. STABILITY AND REACTIVITY

10.1 Reactivity	
Reactivity:	No applicable information available.
10.2 Chemical Stability	
Chemical Stability:	Material is stable.
10.3 Possibility of hazardous reactions	
Hazardous Polymerization:	Will not occur.
10.4 Conditions To Avoid	
Conditions To Avoid:	None known.
10.5 Incompatible Materials	
Incompatible Materials:	Strong oxidizing agents.
10.6 Hazardous decomposition products	
Carbon monoxide; carbon dioxide; nitrogen oxide; cyanide.	

Section 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects	
Inhalation:	Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat. Breathing fibers may irritate the airways resulting in coughing and a scratchy throat. Some people are sensitive to the fibers, while others are not.
Ingestion:	No know information.
Skin Contact:	Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat. Fiberglass can cause itching due to mechanical irritation from the fibers. This is not an allergic reaction to the material.
Eye Contact:	Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat.

Section 12. ECOLOGICAL INFORMATION

12.1 Toxicity	
Ecotoxicity:	No known hazards except for airborne fibers caused by nuisance dust. 10 milligrams per cubic meter for fiber diameters less than 7 microns.
Aquatic Toxicity:	No information available.
12.2 Persistence and degradability	
Environmental Fate:	No information available.
12.3 Bioaccumulative potential	
No information available.	
12.4 Mobility in soil	
No information available.	

Section 13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	
Waste Disposal:	Incineration preferred in a federal, state, or local approved facility.

Section 14. TRANSPORT INFORMATION

Special transportation:	No special transportation required.

Section 15. REGULATORY INFORMATION

C.A.S. Number	Concentration	Chemical Name	Codes
65997-17-3	68-78%	Fibrous Glass	TSCA
7429-90-5	7.3-9.3%	Aluminum Foil	EPCRAWPC, MASS, NJHS, OSHAWAC, PA, SARA313, TSCA, TXAIR
67700-43-0	1.8-2.8%	Urethane Adhesive	TSCA
9003-01-4	15.4-17.4%	Acrylic Adhesive	TSCA
63394-01-4	-	Silicone Coated Paper	-

Codes
TSCA: Toxic Substances Control Act
EPCRAWPC: EPCRA Water Priority Chemicals
MASS: MA Massachusetts Hazardous Substances List
NJHS: NJ Right-to-Know Hazardous Substances
OSHAWAC: OSHA Workplace Air Contaminants
PA: PA Right-To-Know List of Hazardous Substances
SARA313: SARA 313 Title III Toxic Chemicals
TXAIR: TX Air Contaminants with Health Effects Screening Level

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU legislation:
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Section 16. OTHER INFORMATION

HMIS:	Health	1
	Flammability	0
	Reactivity	0
	PPE	A
NFPA		

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Safety Data Sheet

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Phone: 978-373-1600 | Website: www.circuitmedic.com **Revision Date: May 23, 2024**
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