

# Safety Data Sheet

**235-4010**

CircuitMedic, 22 Parkridge Road, Haverhill, MA 01835 USA

**Revision Date: Nov 2, 2021**


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## Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	Heat Shield Blanket
<b>Product Number:</b>	235-4010
<b>Recommended use:</b>	Self-adhering aluminized heat shield material used for reflecting radiant energy. Normally supplied in 5" x 7" sheets.
<b>Supplier:</b>	CircuitMedic 22 Parkridge Road, Haverhill, MA 01835 USA PHONE: 978-373-1600, FAX: 978-372-5700
<b>Emergency Response:</b>	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. HAZARD IDENTIFICATION

<b>2.1 Classification of the substance or mixture</b>	
Classification in Accordance with 29 CFR 1910 (OSHA HCS): Health, Specific target organ toxicity - Single exposure, 3 Health, Skin corrosion/irritation, 3	
<b>2.2 Label Elements</b>	
<b>Hazard pictograms:</b>	
<b>Signal Words:</b>	Warning
<b>GHS Class:</b>	No information available.
<b>Hazard Statements:</b>	H335 - May cause respiratory irritation. H316 - Causes mild skin irritation.
<b>Precautionary Statements:</b>	P264 - Wash thoroughly after handling.
<b>2.3 Other Hazards</b>	
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 OR INGREDIENTS

<b>3.1. Substance</b>		
Not applicable		
<b>3.2 Mixtures</b>		
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

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

## Section 5. FIRE-FIGHTING MEASURES

<b>5.1 Extinguishing media</b>	
<b>Extinguishing Media:</b>	Water, carbon dioxide, or dry chemical.
<b>Unsuitable Media:</b>	No additional information.
<b>5.2 Special hazards arising from the substance or mixture</b>	
<b>Hazardous Combustion Byproducts:</b>	Thermal decomposition of fiber coating may produce an irritating mixture of smoke and fumes.
<b>Unusual Fire Hazards:</b>	No additional information.
<b>5.3 Advice for firefighters</b>	
<b>Fire Fighting Instructions:</b>	Thermal decomposition of fiber coating may produce an irritating mixture of smoke and fumes.
<b>Protective Equipment:</b>	As in any fire, wear Self-Contained Breathing Apparatus (SCBA), MSHA/NIOSH (approved or equivalent) and full protective gear.

## Section 6. ACCIDENTAL RELEASE MEASURES

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

## Section 7. HANDLING AND STORAGE

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

## Section 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

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

### 8.3 Exposure Limits

No information available.

## Section 9. PHYSICAL AND CHEMICAL PROPERTIES

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

## Section 10. STABILITY AND REACTIVITY

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

## Section 11. TOXICOLOGICAL INFORMATION

<b>11.1 Information on toxicological effects</b>	
<b>Inhalation:</b>	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.
<b>Ingestion:</b>	No know information.
<b>Skin Contact:</b>	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.
<b>Eye Contact:</b>	Direct contact with fiberglass materials or exposure to airborne fiberglass dust may irritate the skin, eyes, nose and throat.

## Section 12. ECOLOGICAL INFORMATION

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

## Section 13. DISPOSAL CONSIDERATIONS

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

## Section 14. TRANSPORT INFORMATION

<b>Special transportation:</b>	No special transportation required.
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## 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

OSHA WAC: 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

<b>HMIS:</b>	Health	1
	Flammability	0
	Reactivity	0
	PPE	A
<b>NFPA</b>		

To the best of our knowledge, the information contained herein is accurate. However, neither Circuit Technology Center, Inc., nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. The final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

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