

**MATERIAL SAFETY DATA SHEET**

**Trade Name: ALVA-TECH INC. Fire Barrier FB-725 Composite Sheet**

**COMPANY ADDRESS:**

**Alva-Tech Inc.  
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**SECTION 1 -- MATERIAL IDENTIFICATION AND INFORMATION:**

**Components - Chemical Name and Common Names**

<b>Description:</b>	<b>CAS #</b>
<b>Synthetic Urethane Rubber</b>	<b>9017-09-8</b>
<b>Sodium Silicate</b>	<b>1344-09-08</b>
<b>Expandable Graphite</b>	
<b>Zinc Oxide</b>	<b>001314-13-2 TLV 5mg/m3</b>
<b>Fillers</b>	
<b>Aluminum Foil</b>	
<b>Galvanized Steel</b>	
<b>Fiberglass Mesh</b>	

**SECTION 2 -- PHYSICAL/CHEMICAL CHARACTERISTICS:**

<b>Boiling Point</b>	<b>Not Established</b>
<b>Specific Gravity (H200=1)</b>	<b>1.4</b>
<b>Vapor Pressure (mmHg) and Temperature</b>	<b>Not Established</b>
<b>Melting Point</b>	<b>Not Established</b>
<b>Vapor Density (Air = 1)</b>	<b>Not Established</b>
<b>Evaporation Rate</b>	<b>Not Established</b>
<b>Solubility in Water</b>	<b>Non Soluble</b>
<b>Water Reactivity</b>	<b>None</b>
<b>Appearance</b>	<b>Light Gray Rubber</b>
<b>Odor</b>	<b>Slight</b>

**SECTION 3 -- FIRE AND EXPLOSION HAZARD DATA:**

<b>Flash Point</b>	<b>Not Established</b>
<b>Auto Ignition Temperature</b>	<b>Not Established</b>
<b>Flammability Limits in Air</b>	<b>LEL: N/A - UEL: N/A</b>
<b>Extinguisher Media:</b>	<b>Water, spray fog or steam foam, inert gas CO2.</b>
<b>Special Fire Fighting Procedures:</b>	<b>Large Fire: use water fog, spray or stream. Thermal decomposition of surrounding material may create toxic fumes; Protective Fire Fighting Equipment is recommended.</b>
<b>Unusual Fire and Explosion Hazards:</b>	<b>Same as Above.</b>

**SECTION 4 -- ACTIVITY HAZARD DATA**

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Stability	Stable
Conditions to Avoid	None
Incompatibility (Materials to Avoid)	As a normal precaution: Mineral Acids and/or oxidizing agents
Hazardous Polymerization	Will Not Occur
Hazardous Decomposition Products	Carbon Dioxide, Carbon Monoxide In small amounts: Hydrogen Cyanide Ammonia, Hydrochloric Acid and Phosphoric Acid.

**SECTION 5 -- HEALTH HAZARD DATA**

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Primary Routes of Entry	Inhalation / Ingestion
Carcinogen Listed In	Not Listed
Health Hazards	Acute / none Chronic / none noted
Signs and Symptoms of Exposure	No evidence of adverse effects from available information
Medical Conditions Aggravated by Exposure:	No Data Available at this time..

**EMERGENCY FIRST AID PROCEDURES:** Seek Medical assistance as required.

- Eye Contact: Flush with water, consult Physician
- Skin Contact: Wash with soap and water
- Inhalation: Remove to fresh air
- Ingestion: Consult a Physician

**SECTION 6 -- CONTROL AND PROTECTIVE MEASURES:**

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Respiratory Protection	Not required in normal use
Protective Gloves	As required
Eye Protection	As required
Ventilation to be used	Local exhaust
Other Protective clothing and Equipment	As required to meet local industry standards
Hygienic Work Practices	Industrial hygiene and safety practices should be observed.

**SECTION 7 -- PRECAUTIONS FOR HANDLING & USE/LEAK PROCEDURES:**

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Spill Response	No Answer
Waste Disposal Methods	Dispose of in accordance with local, state & federal regulations.
Other Precautions	None

This product is NOT designated as a hazardous waste.

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