



MATERIAL SAFETY DATA SHEET

**SECTION 1- PRODUCT IDENTIFICATION**

MANUFACTURER: Lamtec Corporation

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PRODUCT NAME: Arenashield

**SECTION 2- HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

<u>PRODUCT INGREDIENTS:</u>	<u>CAS NUMBER</u>	<u>TLV/PEL</u>
Aluminum Foil	7429-90-5	-
Glass Fiber	65997-17-3	5.0 mg/m <sup>3</sup>
Polymeric Adhesive Mixture of vinylidene chloride/butadiene copolymer with both organic and inorganic fillers	(PVDC/BUTADIENE)	

<u>* HAZARDOUS INGREDIENTS</u>	<u>CAS Number</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS RECOMMENDED</u>
Antimony Oxide	1309-64-4	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>	
Glass Fiber	65997-17-3	15.0 mg/m <sup>3</sup>	5.0 mg/m <sup>3</sup>	
Hydrated Alumina	21645-51-2	15.0 mg/m <sup>3</sup>	10.0 mg/m <sup>3</sup>	20 mg/m <sup>3</sup> (STEL)
Decabromodiphenyl Oxide	1163-19-5	15.0 mg/m <sup>3</sup>	10.0 mg/m <sup>3</sup>	5.0 mg/m <sup>3</sup> TWA 8hr. AIHA WEEL

\* Substances listed in the hazardous Ingredients section are those that have been determined to be health hazards and are present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in the OSHA Hazard Communication Standard.

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### **SECTION 3- PHYSICAL / CHEMICAL CHARACTERISTICS**

Boiling Point: Not Applicable  
Melting Point: Not Applicable  
Vapor Pressure: Not Applicable  
Vapor Density: Not Applicable  
Solubility (in water): Insoluble In Water  
Appearance: Aluminum Foil/ Glass Fabric Lamination  
Odor: No Odor  
Specific Gravity: Not Determined

### **SECTION 4- FIRE AND EXPLOSION HAZARD DATA**

Flash Point: Not Applicable  
Method Used: Not Applicable  
Flammability Limits: LEL - Not Applicable  
UEL - Not Applicable  
Auto-Ignition Temperature: Not Applicable  
Extinguishing Media: Foam, dry chemical, fog or water  
Special Fire Fighting Instructions: Fires involving this product should be fought while wearing self-contained breathing apparatus.  
Unusual Fire And Explosion Hazards: None

### **SECTION 5- REACTIVITY DATA**

Stability: Stable  
Hazardous Decomposition Products: Under fire conditions, products will decompose and produce hydrogen chloride, hydrogen bromide, carbon monoxide, carbon dioxide and other organic vapors.  
Hazardous Polymerization: Should not occur under normal use.

## **SECTION 6- HEALTH HAZARD DATA / FIRST AID**

- EYE CONTACT: Direct contact will cause mechanical irritation. Irrigate immediately with water for at least 15 minutes. Seek medical attention.
- SKIN CONTACT: Direct contact can cause mechanical irritation.
- SKIN ABSORPTION: Not likely to be absorbed through skin.
- INGESTION: Not likely to occur under normal conditions.
- INHALATION: Product cannot be inhaled in its normal form. If abnormal use creates dust, wear a NIOSH/OSHA approved respirator.
- SIGNS AND SYMPTOMS OF EXPOSURE: None known.
- MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

## **SECTION 7- PRECAUTIONS FOR SAFE HANDLING AND USE**

- SPILL PROCEDURES: Not Applicable
- DISPOSAL METHOD: In accordance with applicable, local, state and federal regulations. When incinerating, use a unit with acid scrubber to remove hydrogen chloride and bromide.

## **SECTION 8- CONTROL MEASURES**

- VENTILATION: Not required for normal use.
- RESPIRATORY PROTECTION: Not required for normal use. If abnormal use creates dust, wear a NIOSH/OSHA approved respirator.
- SKIN PROTECTION: Not normally required.
- EYE PROTECTION: Not normally required.

## **SECTION 9- SPECIAL PRECAUTIONS / ADDITIONAL INFORMATION**

- DOT INFORMATION: Not regulated by DOT
- HAZARD CLASS: Non hazardous.
- HMIS HAZARD RATING: HEALTH - 0, FLAMMABILITY - 1, REACTIVITY - 0
- NFPA HAZARD RATING: HEALTH - 1, FLAMMABILITY - 1, REACTIVITY - 0

While the information and recommendations set forth herein are believed to be accurate, Lamtec Corporation makes no warranty with respect thereto and disclaims all liability from reliance thereon.