

MATERIAL SAFETY DATA SHEET



EB-1200

1. PRODUCT AND COMPANY NAME

PRODUCT NAME: EB-1200 (High Temperature Fiberglass, Edge Breather)

MANUFACTURER: Richmond Aircraft Products
12801 Ann Street
Santa Fe Springs, CA 90670

FOR MORE INFORMATION CALL: 562-906-3300
IN CASE OF EMERGENCY CALL: 562-906-3300

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>CAS #</u>	<u>% of Ingredient</u>
Fibrous Glass	(CAS 65997-17-3)	98-100%

3. HAZARD IDENTIFICATION

POTENTIAL HEALTH HAZARDS

Route of Entry: Inhalation, Skin Contact, Eye Contact
Target Organs: N/A
Inhalation: Mechanical irritation of the mouth, nose and throat
Skin Contact: Exposure to this product may cause temporary irritation to the skin. Itching and possible inflammation are a mechanical reaction to the fibers and are not damaging in the way that chemicals irritants may be.
Eye Contact: Dust from this product may cause temporary mechanical irritation to the eyes.
Ingestion: Ingestion of this product is unlikely. However ingestion may produce gastro-intestinal irritation and disturbances
Other: Chronic respiratory or skin conditions will not improve and may worsen with exposure to this product.

MATERIAL SAFETY DATA SHEET



4. FIRST AID MEASURES

Inhalation: Remove from further exposure. If cough or other symptoms develop, seek medical attention.

Skin Contact: If skin becomes irritated, do not rub or scratch. Wash the affected area with soap and water. To avoid further irritation do not rub or scratch.

Eye Contact: If eyes become irritated, flush immediately with lukewarm water for 15 minutes.

Ingestion: N/A

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

Flash Point (Method Used): N/A

LEL: N/A

UEL: N/A

Extinguishing Method: Water, chemical foam, dry chemical, CO₂, and/or smother

Special Fire Fighting Procedures: N/A

Unusual Fire and Explosion Hazards: N/A

6. ACCIDENTAL RELEASE MEASURES

(Always wear recommended personal protective equipment.) Collect and place in a solid waste container.

MATERIAL SAFETY DATA SHEET



7. HANDLING AND STORAGE

Handling Precautions: Use normal personal hygiene and good housekeeping. Remove dust and fibers from the skin after exposure. Be careful not to rub or scratch irritated areas which could force fibers into the skin. Fibers should be washed off. Use of barrier creams can, in some instances, can be helpful. Use vacuum equipment to remove fibers and dust from clothing. Wash contaminated clothing separately and wipe out washer/sink in order to prevent loose fibers and dust from contaminating other laundry. Use vacuum equipment to clean work surfaces.

Storage Requirements: Store in a cool, dry area, away from direct heat or sunlight

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering Controls: General dilution and/or local exhaust ventilation should be provided as necessary to maintain exposures below occupational exposure limits (See Section II).

Protective Equipment: A properly fitted NIOSH/MHSA approved dust respirator should be used when: 1) the level of dust in the air exceeds occupational exposure limits (See Section II); 2) or if irritation occurs. Use respiratory protection in accordance with your company's respiratory protection program, and OSHA regulations under 29 CFR 1910.134. Use safety glasses, goggles, or face shields, as necessary. Use safety glasses, goggles, or face shields, as necessary. Use of barrier creams, in some instances, can be helpful. Use vacuum equipment to remove fibers and dust from clothing. Wash contaminated clothing separately and wipe out washer/sink in order to prevent loose fibers and dust from contaminating other laundry. Use vacuum to clean work surfaces.

MATERIAL SAFETY DATA SHEET



Exposure Guideline/Other: This product contains no known OSHA hazardous ingredients per 29 CFR 1910.1200

<u>Hazardous Ingredients</u>	<u>OSHA(PEL)(8-hr TWA)</u>	<u>ACGIH(TLV)(8-hr TWA)</u>
Fibrous Glass (Nonrespirable >98%) (NIOSH) (Respirable<1%)	15mg/m ³	5mg/m ³
Respirable particulate with Fiber like dimensions (glass shards) <0.002%	5mg/m ³ , respirable	Inhalable Fraction 3 mg/m ³ , PNOC
	N/A	1 fiber/cc; aspect ratio >5:1

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	White Fabric, tan when heated
Physical Status:	Fibrous
Odor:	No odor
pH:	N/A
Vapor Pressure:	N/A
Vapor Density:	N/A
Boiling Point:	N/A
Freezing/Melting Point:	N/A
Solubility:	Insoluble
Spec. Grav./Density:	2.60

10. STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	None known
Materials to avoid (Incompatibility):	Phosphoric acid, hydrofluoric acid, and strong hydroxides

MATERIAL SAFETY DATA SHEET



Hazardous Decomposition Products: CO, CO₂, other undetermined compounds could be released in small quantities
Hazardous Polymerization: Will not occur

11. TOXICOLOGICAL INFORMATION

Immediate (Acute) Effects: Possible mechanical irritation accompanied by itching or dermatitis.
Delayed (Sub-chronic and chronic) Effects: None known
Other Data:

One of the health questions about textile glass fiber is whether or not it can cause cancer in people. The diameter of these continuous filament fibers make them too large to be inhaled into the lungs by people. No health authority has found, and no test has shown, that glass textile fibers cause cancer in people. As a result of these findings, the World Health Organization and other authoritative bodies do not classify textile glass fiber as a carcinogen.

One of the reasons that people continue to have concerns about fiberglass and cancer are studies such as the 1997 study from the Institute of Occupational Medicine (IOM) in Edinburgh, Scotland. This study found that animals exposed to an extremely high dose of a durable E glass micro fiber, with average diameters less than 1 micron, developed lung scarring and tumors, including cancer of the lining of the lung (mesothelioma). The IOM study results are consistent with previously published research indicating that high doses of durable, fine diameter fibers can cause disease in experimental animals.

Although our continuous filaments are an E glass, they are not the same as the E micro fibers tested in the IOM study.

12. ECOLOGICAL INFORMATION

Material is considered inert and not expected to be biodegradable or toxic

13. DISPOSAL CONSIDERATIONS

Dispose of in compliance with Federal, state and local government regulations. Usually is considered an inert packaging material that can be recycled or land filled.

MATERIAL SAFETY DATA SHEET



14. TRANSPORT INFORMATION

US DOT Hazard Class: Not regulated
US DOT ID Number: Not applicable

For additional information on shipping regulations affecting this material, contact the information number found in Section 1.

15. REGULATORY INFORMATION

None

16. OTHER INFORMATION

Current Issue Date: 10/05/2010
Previous Issue Date: 02/27/2008