



Acoustical Surfaces, Inc.

SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS

123 Columbia Court North • Suite 201 • Chaska, MN 55318

(952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121

Email: sales@acousticalsurfaces.com

Visit our Website: www.acousticalsurfaces.com

We Identify and S.T.O.P. Your Noise Problem

Material Safety Data Sheet

Section 1-Chemical Product and Company Identification

Product Name: B-10 LAG/QFA-3

Telephone: 1-800-448-0121

Manufacturer Information:

Emergency Information: 800-569-1294

Rendered by Manufacturer and Released to:

Acoustical Surfaces, Inc., Chaska, MN 55318

Website: www.acousticalsurfaces.com

Date Prepared: Updated August 24, 2012

Section 2-Composition/ Information on Ingredients

CAS #	Product Component	OSHA PEL	ACGIH TLV	OTHER LIMITS	%
65997-17-3	Fibrous Glass	1 fiber/cc	1 fiber/cc		83-99
1309-64-4	Antimony Oxide	0.5 mg/m ³	0.5 mg/m ³		
1163-19-5	Decabromodiphenyl oxide	5.0 mg/m ³	10.0 mg/m ³	5 mg/m ³ TWA 8 hr. AIHA WEEL	
1317-65-3	Calcium Carbonate				60-80
9002-86-2	Ethene, Chloro-homopolymer				10-20
	Proprietary binder	None	None		1-17
65997-17-3	Fiberglass yarn	15.0 mn/m ³	15.0 mn/m ³		
7429-90-5	Aluminum Foil	-	-		
	Vinyl film				
	Polymeric adhesive containing both organic and inorganic fillers				
	Other componets below reportable levels				



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Section 3-Hazards Identification

Physical State	Solid	Solubility in water	Negligible
Boiling point	N/A	Specific Gravity (H ₂ O=1)	2.06
Vapor Pressure (mm Hg.)	N/A	Melting Point	>704° C/ 1300° F
Freezing Point	N/A	PH	N/A
Percent Volatile	N/A	VOC	N/A
Vapor Density (AIR=1)	N/A	Evaporation rate	N/A

Appearance and odor: light brown colored quilted fiberglass absorber with scrim facing on one side. The other side is a black noise barrier with an aluminum foil facing. There is no noticeable odor.

Primary Routes of Entry: via respirable fibers and nuisance dust to the lungs and respiratory system and airborne fibers to the skin and eyes.

Target Organs: Lungs, respiratory system, skin and eyes.

Potential Health Effects:

Acute: Mechanical irritation of the skin, eyes and upper respiratory system. (excess dust can cause temporary upper respiratory irritation and/or congestion. May cause allergic reactions in people allergic to fiberglass.)

Chronic: Results from the most recent cohort and nested case-control epidemiological studies of U.S. workers exposed to glass wool have not provided evidence of an association between exposure to fibers and risk for respiratory cancer or mesothelioma.

Skin Contact: There are confirmed reports of contact dermatitis.

Eye Contact: A mechanical irritant, which can cause moderate to severe eye irritation.

Ingestion: Non-hazardous when ingested. Potentially a mild irritant to the GI tract if excessive quantity is ingested.

Inhalation: Sore, raspy throat.

Medical Conditions aggravated by exposure: Pre-existing chronic upper respiratory and lung diseases such as but not limited to, bronchitis, emphysema and asthma. Skin disease such as dermatitis.

Carcinogenicity: While no longer listed as a possible carcinogen by IARC, respirable glass wool fibers are classified by NTP as Group IIB, (reasonably anticipated to be a human carcinogen). Fiber glass wool is classified as a nuisance dust by OSHA.



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Section 4-First Aid Measures

Inhalation- Remove to fresh air. Drink water to clear throat and blow nose to evacuate dust. If coughing and irritation develop, call a physician.

Eye Contact: Flush with large amounts of water until irritation subsides, at least 15 minutes. See a physician if irritation persists.

Skin Contact: Normal good personal hygiene practices. Wash with mild soap and warm water after each exposure. If rash or itching persists, seek medical attention.

Ingestion: Emergency procedures not normally required. May be a temporary irritant to the GI system. Treat symptomatically.

Section 5-Firefighting Measures

NFPA Rating: Health: 1 Fire: 1 Reactivity: 0 Other: 0

Extinguishing Method: Use water, dry chemical or carbon dioxide.

Special Firefighting Procedures: Wear self-contained breathing apparatus and protective clothing. Dense smoke may limit visibility. Product may produce an irritating mixture of smoke and fumes.

Fire or Explosion Hazards: Resin, paper or plastic facings will burn causing dense acrid smoke (none of these facings are used on this product).

Section 6-Accidental Release Measures

Clean-Up Procedures: Pick up or shovel material into waste container taking care to minimize dust and fiber generation. Vacuum clean up is preferred. If sweeping is necessary use a dust suppressant.

Personal Precautions: If dusty conditions exist, wear a facemask approved for use with dusts such as 3M 8210, N95 or equivalent.

Environmental Precautions: This product is not regulated under the RCRA Hazardous Waste Regulations. May be disposed in landfill. Comply with federal, state, and local regulations.



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Section 7- Handling and Storage

Storage Requirements: Store in dry area. Keep area clean. Vacuum clean dust. Use a dust suppressant if sweeping is necessary.

Special Sensitivity or Incompatibility: Hydrofluoric acid will react with and dissolve glass.

Handling Procedures: Use proper material handling procedures. Assure proper respiratory protection if dust potential exceeds PEL/TLV.

Section 8-Exposure Controls/Personal Protection

Heat-Up Precautions: During initial heat-up of high temperature insulation products to temperatures above 350° F, an odor and smoke may be given off. Adequate ventilation should be provided to protect against fumes. In confined spaces, occupants should wear self-contained breathing apparatus during this period.

Engineering Controls: Maintain sufficient mechanical or natural ventilation to assure fiber concentrations remain below PEL/TLV. Use local exhaust if necessary. Power equipment should be equipped with properly designed dust collection devices.

Respiratory Protection: When over PEL/TLV wear an approved respirator such as 3M 8210, N95 or equivalent to protect against respirable glass wool fibers. Concentrations of fibers that exceed the recommendation of the mask manufacturer will need a higher level of respiratory protection, such as half mask respirator with appropriate dust filters.

Eye Protection: Wear safety glasses with side shields, goggles or face shield when handling, installing or fabricating to protect eyes against dust and fibers.

Skin Protection (clothing): Long-sleeved, loose fitting clothes, cotton gloves and head coverings are recommended. Wash work clothes separately from other clothing, towels and linens to prevent fiber migration. Rinse washer thoroughly.

Exposure Guidelines/Other: Wash thoroughly with soap and water after handling.

Section 9-Physical and Chemical Properties

Physical Form: Light brown colored quilted fiberglass absorber with scrim facing on one side. The other side is black noise barrier with an aluminum foil facing.

Melting Point: 250° F – 300° F

Specific Gravity: variable

Solubility in Water: Insoluble

Pure/Mixture: Mixture



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Section 10-Reactivity

Stability: This is a stable, non-reactive product.

Hazardous Decomposition or Byproducts: Under fire conditions or thermal decomposition Carbon monoxide, carbon dioxide, carbon particulates, acrolein and traces of other decomposition products and organic vapors may result.

Section 11-Toxicological/Ecological Information

Disposal Method: LD₅₀: N/Av

LC₅₀: N/Av

Toxicological Hazards: The 2002 Monograph issued by the International Agency for Research on Cancer (IARC) removed fiber glass wool from it's list of possible carcinogens (Group 2B). It is now classified as Group 3, not classifiable as to human carcinogenity. 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 the mechanical irritation from the fibers. This is not an allergic reaction to the material. Breathing fibers may irritate the airways resulting in coughing and a scratchy throat. Some people are sensitive to the fibers, while others are not.

Ecological Hazards: No known hazards except for airborne fibers caused nuisance dust. 10 milligrams per cubic meter for fiber diameters less than 7 microbes.

Tetrogenicity, Mutagenicity, other Reproductive effects: None Known.

Section 12-Disposal Considerations

Waste Disposal Method: This product is not regulated under RCRA Hazardous Waste regulations. May be disposed in landfill. If unsure, contact the local office of the USEPA, your llocal health department or the local landfill regulators.

Section 13-Transportation Information

US DOT Shipping Name: Not regulated

DOT Label: None

UN/NA Number: None



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Section 14-Regulatory Information

OSHA Status: This product is regulated as a nuisance dust under OSHA criteria.

TSCA/CEPA Status: The fibrous glass and proprietary binder components of this product are included in the TSCA and CEPA Chemical Inventories.

CERCLA: Antimony Oxide (1309644 n/a%)

CSWHS: Antimony Oxide (1309644 n/a%)

EPCRAWPC: Antimony Oxide (1309644 n/a%)

MASS: Antimony Oxide (1309644 n/a%); Decabromodiphenyl oxide (1163195 n/a%)

PA: Antimony Oxide (1309644 n/a%); Decabromodiphenyl oxide (1163195 n/a%)

PROP 65: Antimony Oxide (1309644 n/a%). Warning. This product contains the following substance known to the state to cause cancer. Glasswool, airborne particles of respirable size.

NJHS: Decabromodiphenyl oxide (1163195 n/a%)

TXAIR: Antimony Oxide (1309644 n/a%)

SARA 313: Decabromodiphenyl oxide (1163195 n/a%)

SARA Section 311/312 Hazard Categories: Reportable as a hazardous substance. Check with your local emergency planning committee for reportable quantities.

Canada (WHMIS): This product is a class D2A controlled product under Canadian WHMIS regulations.

Regulatory Key Descriptions

MASS=MA, Massachusetts Hazardous Substances List

NRC= Nationally Recognized Carcinogens

OSHAWAC= OSHA Workplace Air Contaminants

PA= PA Right-to-Know list of hazardous substances

TXAIR= TX Air Contaminants with Health Effects Screening Level

CERCLA= Superfund clean up substance

CSWHS= Clean Water Act Hazardous Substance

EPCRAWPC= EPCRA Water Priority Chemicals

PROP 65= CA Prop 65

NJHS= NJ Right-to-Know hazardous substances



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Section 15-Approvals

Reason for Issue: Update Section 1

Rev: Approval Date: 07/02/10

Prepared by:

Supersedes Date: 08/24/09

Rendered by Manufacturer & Released to:

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Section 16-Disclaimer

As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. However, no warranty or representation of law or fact, with respect to such information, is intended or given.