

Section 1 - Chemical Product and Company Identification

Product Name JM 901 Fiber Glass Wool

DRAFT

CAS# 65997-17-3

Hazard Label JM901FGW_1.0_2007 or equivalent WARNING label

Manufacturer InformationJohns Manville Insulation Group
Insulation Systems
P.O. Box 5108
Denver, CO 80127 USATelephone: 303-978-2000
Internet Address: <http://www.jm.com>
Emergency: 800-424-9300 (Chemtrec)

Trade Names: JM 901 Fiber Glass Wool Insulation

Section 2 - Composition / Information on Ingredients

CAS #	Component	Percent
65997-17-3	Fiber Glass Wool	100

Additional Component Information

Average Fiber Diameter = 3-8 microns

Section 3 - Hazards Identification**Emergency Overview**

APPEARANCE AND ODOR: Odorless white fibers in batt form.

Inhalation of excessive amounts of dust from the product may cause temporary upper respiratory irritation and/or congestion-- remove individual to fresh air.

Potential Health Effects**Summary**

Breathing dust from this product may cause a scratchy throat, congestion, and slight coughing. Getting dust from this product on your skin may cause skin dryness. Getting dust in your eyes may cause eye irritation. Breathing large amounts of dust from this product may lead to other health effects as discussed in Section 11 of this material safety data sheet.

Inhalation

Mechanical irritation of the upper respiratory tract (scratchy throat), coughing, and congestion may occur in extreme exposures.

Skin

Temporary mechanical irritation (itching) or redness may occur.

Absorption

Not applicable

Ingestion

This product is not intended to be ingested or eaten under normal conditions of use. If ingested, it may cause gastrointestinal (GI) irritation, nausea, vomiting, and diarrhea.

Eyes

This product may cause mechanical irritation to the eyes.

Primary Routes of Entry (Exposure)

Eyes, skin, and inhalation (breathing dust), ingestion.

Target Organs

Eyes, skin, mucous membranes of the nose, throat, and respiratory system.

Medical Conditions Aggravated by Exposure

Pre-existing chronic respiratory, skin, or eye diseases or conditions.

Section 4 - First Aid Measures**First Aid: Inhalation**

Remove exposed person to fresh air. Give water to clear throat and blow nose to remove dust. Give artificial respiration and/or seek medical attention as needed.

First Aid: Skin

Wash gently with soap and water to remove dust and fibers. Wash hands before eating or using the restroom.

First Aid: Ingestion

Product is not intended to be ingested or eaten. If this product is ingested, irritation of the gastrointestinal (GI) tract may occur and should be treated symptomatically. Have victim rinse mouth thoroughly with water and then drink large quantities of water. Do not induce vomiting. If victim is rapidly losing consciousness, is unconscious, or convulsing, do not give anything by mouth. Contact a physician.

First Aid: Eyes

Do not rub or scratch eye. Continuously flush eyes with large amounts of water for 15 to 30 minutes. If irritation persists, contact a physician.

Section 5 - Fire Fighting Measures

Flash Point: Not applicable

Upper Flammable Limit (UFL): Not determined

Auto Ignition: Not determined

Rate of Burning: Not determined

Extinguishing Media

Sand, carbon dioxide (CO₂), water, water fog, dry chemical.

Fire Fighting Equipment/Instructions

Use NIOSH-approved self-contained breathing apparatus operating in the pressure demand mode and full fire fighting protective clothing. Avoid inhalation of vapors.

Method Used: Not applicable

Lower Flammable Limit (LFL): Not determined

Flammability Classification: Not determined

Section 6 - Accidental Release Measures**Containment Procedures**

Vacuum dusts. If sweeping is necessary, use a dust suppressant such as water. Do not dry sweep dust accumulation. These procedures will help to minimize potential exposures.

Clean-Up Procedures

Place in closable container for disposal. Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of these products. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the Environmental Protection Agency (EPA).

Section 7 - Handling and Storage**Handling Procedures**

Use dustless systems for handling, storage, and clean up so that airborne dust does not exceed the exposure limits identified in Section 8. Also, use protective equipment as described in Section 8 of this material safety data sheet when handling uncontained material.

Storage Procedures

Warehouse storage should be in accordance with package directions, if any. Material should be kept clean, dry, and protected from moisture.

Section 8 - Exposure Controls / Personal Protection**A: Component Exposure Limits****Fiber Glass Wool (65997-17-3)**

ACGIH: 1 fiber/cm³ TWA (respirable fibers, length >5 μm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination)

PERSONAL PROTECTIVE EQUIPMENT**Personal Protective Equipment: Eyes/Face**

Safety goggles or glasses may be worn to prevent eye contact. Ensure eyewash fountain is located in the immediate work area.

Personal Protective Equipment: Skin

Leather or cotton gloves are recommended.

Personal Protective Equipment: Respiratory

A respirator should be used if ventilation is unavailable, or is inadequate for keeping dust and fiber levels below the applicable exposure limits. In those cases, use a NIOSH-certified disposable or reusable particulate respirator with an efficiency rating of N95 or higher (under 42 CFR 84) when working with this product. For exposures up to five times the established exposure limits use a quarter-mask respirator, rated N95 or higher; and for exposures up to ten times the established exposure limits use a half-mask respirator (e.g., MSA's DM-11, Racal's Delta N95, 3M's 8210), rated N95 or higher. Operations such as sawing, blowing, tear out, and spraying may generate airborne fiber concentrations requiring a higher level of respiratory protection. For exposures up to 50 times the established exposure limits use a full-face respirator, rated N99 or higher.

Ventilation

Local exhaust or general dilution ventilation may be required to maintain exposures below the applicable exposure limits. The need for ventilation systems should be evaluated by a professional industrial hygienist, while the design of specific ventilation systems should be conducted by a professional engineer.

Personal Protective Equipment: General

Wear a cap, a loose-fitting, long-sleeved shirt and long pants to protect skin from irritation. Exposed skin areas should be washed with soap and warm water after handling or working with fiber glass. Clothing should be washed separately from other clothes, and the washer should be rinsed thoroughly (run empty for a complete wash cycle). This will reduce the chances of fiber glass being transferred to other clothing.

Section 9 - Physical & Chemical Properties

Appearance:	White fibers in batt form	Odor:	Odorless
Physical State:	Solid	pH:	Not applicable
Vapor Pressure:	Not applicable	Vapor Density:	Not applicable
Boiling Point:	Not applicable	Melting Point:	871°C/1600°F
Freezing Point:	Not determined	Specific Gravity:	2-3
Evaporation Rate:	Not applicable	Solids Content	100%
Percent Volatile:	0	Viscosity:	Not determined
		VOC:	0

Section 10 - Chemical Stability & Reactivity Information**Chemical Stability**

This is a stable material.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information**Acute Toxicity****A: General Product Information**

Dust from this product is a mechanical irritant, which means that it may cause temporary irritation or scratchiness of the throat, and/or itching of the eyes and skin. Dust from this product may also cause dry skin.

B: Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Carcinogenicity**A: General Product Information**

No additional information available.

B: Component Carcinogenicity**Fiber Glass Wool (65997-17-3)**

ACGIH:	A3 - Confirmed animal carcinogen with unknown relevance to humans
NTP:	Reasonably Anticipated To Be A Carcinogen (respirable size)
IARC:	Group 3 – Not Classifiable (IARC Monograph 81 [2002] (listed under Man-made mineral fibres), Monograph 43 [1988])

Chronic Toxicity

Fiber Glass Wool: In October 2001, IARC classified fiber glass wool as Group 3, "not classifiable as to its carcinogenicity to humans." The 2001 decision was based on current human and animal research that shows no association between inhalation exposure to dust from fiber glass wool and the development of respiratory disease. This is a reversal of the IARC finding in 1987 of a Group 2B designation (possibly carcinogenic to humans) based on earlier studies in which animals were injected with large quantities of fiber glass. NTP and ACGIH have not yet reviewed the IARC reclassification or the most current fiber glass health research; at this time, both agencies continue to classify glass wool based on the earlier animal injection studies.

Section 12 - Ecological Information
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Ecotoxicity**A: General Product Information**

No additional information available.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Section 13 - Disposal Considerations

US EPA Waste Number & Descriptions**A: General Product Information**

Wastes are not hazardous as defined by the Resource Conservation and Recovery Act (RCRA; 40 CFR 261). Comply with state and local regulations for disposal of solid wastes. If you are unsure of the regulations, contact your local Public Health Department, or the local offices of the Environmental Protection Agency (EPA).

B: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Section 14 - Transportation Information
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International Transportation Regulations

This product is not classified as a hazardous material for transport.
Mineral Wool Batts Batting or Blankets, Plain or Saturated
STTC 3296147

Section 15 - Regulatory Information
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US Federal Regulations**A: General Product Information**

SARA 311 Status. The following SARA 311 designations apply to this product: Immediate (acute) health hazard.

B: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations**A: General Product Information**

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS #	CA	FL	MA	MN	NJ	PA
Fiber Glass Wool (1related to Mineral wool fiber)	65997-17-3	Yes ¹	No	Yes ¹	Yes	No	Yes ¹

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
WARNING! This product contains a chemical known to the state of California to cause cancer.

Component	CAS #
Fiber Glass Wool (1related to Mineral wool fiber)	65997-17-3

Other Regulatory Information**A: General Product Information**

No information available for the product.

B: TSCA Status

This product and its components are listed on the TSCA 8(b) inventory.

None of the components listed in this product are listed on the TSCA Export Notification 12(b) list.

International Regulations

A: General Product Information

This product is considered an article under both U.S. and international product regulations and as such, this product and its ingredients do not require registration or notification on the various country-specific inventories.

B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Section 16 - Other Information

Other Information

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Date	MSDS #	Reason
03/19/2007	2097-1.0000	New MSDS authoring system.

This is the end of MSDS # 2097