

Section 1 - Chemical Product and Company Identification**Product Name** JM Building Insulation Binder**CAS#** None Assigned**Generic Name** Binder**Formula** Mixture**Chemical Name:** Mixture**Hazard Label** None assigned.**Manufacturer Information**

Johns Manville Insulation Group

Building Insulation Division

P.O. Box 5108

Denver, CO 80127 USA

Telephone: 303-978-2000 8:00AM-5:00PM M-F

Internet Address: <http://www.jm.com>

Emergency: 800-424-9300 (Chemtrec, In English)

Trade Names: JM Building Insulation Binder**Section 2 - Composition / Information on Ingredients**

CAS #	Component	Percent
7732-18-5	Water	85-95
Trade Secret	Carboxy containing polymer	3-10
Trade Secret	Polyol	1-4
Trade Secret	Silane	<1
Trade Secret	Paraffinic Oil	<1
Trade Secret	Surfactant	<1
Trade Secret	Mineral Acid	<1

Section 3 - Hazards Identification**Emergency Overview**

APPEARANCE AND ODOR: Light amber colored liquid with slight acrylic odor.

Potential Health Effects**Inhalation**

Prolonged or repeated inhalation of vapor or mist may cause slight irritation of nose, throat, and lungs.

Skin

Prolonged or repeated contact may cause slight skin irritation.

Eyes

May cause slight irritation upon contact.

Target Organs

Upper respiratory passages, skin, and eyes.

Medical Conditions Aggravated by Exposure

Pre-existing chronic respiratory or eye diseases or conditions.

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

Remove to fresh air.

First Aid: Skin

Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.

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. Rinse mouth with water to remove material or dust, and drink plenty of water to help reduce the irritation. No chronic effects are expected following ingestion.

First Aid: Eyes

Flush eyes with water. If irritation persists, contact a physician.

First Aid: Notes to Physician

This product is not expected to produce any chronic health effects from acute exposures. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary.

Section 5 - Fire Fighting Measures

Flash Point: Non-combustible

Upper Flammable Limit (UFL): Not applicable

Auto Ignition: Not determined

Rate of Burning: Not determined

General Fire Hazards

There is no potential for spontaneous fire or explosion.

Method Used: Not applicable

Lower Flammable Limit (LFL): Not applicable

Flammability Classification: Not determined

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

Dam, mop, absorb onto sawdust or other absorbent, and place in suitable container.

Clean-Up Procedures

No additional information available.

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

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. Do not freeze. Do not store in temperatures greater than 120°F/49°C.

Section 8 - Exposure Controls / Personal Protection**Exposure Guidelines****A: General Product Information**

No information available for the product.

B: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

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

Wear safety glasses with side shields.

Personal Protective Equipment: Skin

Neoprene gloves are recommended.

Personal Protective Equipment: Respiratory

Not required under normal operating conditions. Where vapors and/or mists may occur, wear a properly fitted NIOSH approved half-mask, air purifying respirator.

Personal Protective Equipment: General

No additional information available.

Section 9 - Physical & Chemical Properties

Appearance: Light amber colored liquid
Physical State: Liquid
Vapor Pressure: Not applicable
Boiling Point: Not applicable
Solubility (H₂O): Nil
Freezing Point: Not applicable
Viscosity: Not applicable
VOC: Not applicable

Odor: Slight acrylic odor
pH: Not determined
Vapor Density: Not applicable
Melting Point: Not applicable
Specific Gravity: Not applicable
Evaporation Rate: Not applicable
Percent Volatile: 85-95% water

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability

This is a stable material. This product is not reactive.

Incompatibility

None known

Hazardous Decomposition

Thermal decomposition may yield acrylic monomers.

Hazardous Polymerization

Will not occur.

Section 11 - Toxicological Information

Acute Toxicity

A: General Product Information

No additional information available.

B: Component Analysis - LD50/LC50

Water (7732-18-5)

Oral LD50 Rat: >90 mL/kg

Carcinogenicity

A: General Product Information

No additional information available.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Chronic Toxicity

No additional information available.

Section 12 - Ecological Information

Ecotoxicity

A: General Product Information

No data available for this product.

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

Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the 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

International Transportation Regulations

This product is not classified as a hazardous material for transport.

Section 15 - Regulatory Information

US Federal Regulations

A: General Product Information

SARA 311/312: This product is not classified as hazardous under SARA 311/312.

B: Component Analysis

None of this product's 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).

Component Analysis - State

None of this product's components are listed on the state lists from CA, FL, MA, MN, NJ, or PA.

A: 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.

B: Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS
Water	7732-18-5	Yes	Yes	Yes

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
03/20/06	1035-1.0000	New MSDS authoring system.

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