

## Fire Resistant Mineral Wool Insulation

Version 1.1

Revision Date 03/19/2014

Print Date 08/20/2014

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Trade name : TempControl Batts, Sound &amp; Fire Block Batts

Chemical nature : Mineral Fiber Product

#### Manufacturer or supplier's details

 Company : Johns Manville  
 Address : P.O. Box 5108  
 Denver, CO USA 80127

 Telephone : 303-978-2000 8:00AM-5:00PM M-F  
 Emergency telephone number : 1-800-424-9300 (Chemtrec, in English)

Prepared by : productsafety@jm.com

### SECTION 2. HAZARDS IDENTIFICATION

#### GHS Classification

Carcinogenicity : Category 2

#### Label elements

Hazard pictograms :



Signal word : Warning

Hazard statements : Suspected of causing cancer.

 Precautionary statements : **Prevention:**  
 Obtain special instructions before use.  
 Do not handle until all safety precautions have been read and understood.  
 Use personal protective equipment as required.  
**Response:**  
 IF exposed or concerned: Get medical advice/ attention.  
**Storage:**  
 Store locked up.  
**Disposal:**  
 Dispose of contents/ container to an approved waste disposal plant.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical nature : Mineral Fiber Product

#### Hazardous components

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Chemical Name	CAS-No.	Concentration (%)
Mineral wool fibres	65997-17-3	>= 50 - < 70 %
non-durable glass wool fiber		>= 5 - < 10 %

### SECTION 4. FIRST AID MEASURES

- If inhaled : If unconscious place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of eye contact : Remove contact lenses.  
Protect unharmed eye.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.
- Protection of first-aiders : Do not leave the victim unattended.

### SECTION 5. FIREFIGHTING MEASURES

- Hazardous combustion products : No hazardous combustion products are known
- Specific extinguishing methods : Standard procedure for chemical fires.
- Special protective equipment for firefighters : Wear self contained breathing apparatus for fire fighting if necessary.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation.
- Methods and materials for containment and cleaning up : Pick up and arrange disposal without creating dust.  
Sweep up and shovel.  
Keep in suitable, closed containers for disposal.

### SECTION 7. HANDLING AND STORAGE

- Advice on safe handling : For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.
- Conditions for safe storage : Keep in a dry, cool place.

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### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Components with workplace control parameters

Components	CAS-No.	Form of exposure	Permissible concentration	Basis Update
Mineral wool fibres	65997-17-3	TWA	1 fibre/cm <sup>3</sup>	ACGIH (2010-03-01)
non-durable glass wool fiber	65997-17-3	TWA	1 fibre/cm <sup>3</sup>	ACGIH (2010-03-01)

\*Any OSHA PELs with Issue Date 1989: Vacated by court of appeals in 1992.

#### Personal protective equipment

- Respiratory protection : No personal respiratory protective equipment normally required.
- Hand protection  
Remarks : For prolonged or repeated contact use protective gloves.
- Eye protection : Safety glasses
- Skin and body protection : If used and stored as directed, no special protective equipment is necessary.
- Hygiene measures : Handle in accordance with good industrial hygiene and safety practice.  
Written instructions for handling must be available at the work place.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance : fibres
- Colour : brown
- Odour : odourless
- Odour Threshold : no data available
- pH : not applicable
- Melting point/freezing point : > 1,150 °C
- Boiling point/boiling range : not applicable
- Flash point : not applicable
- Evaporation rate : not applicable
- Flammability (solid, gas) : no data available
- Upper explosion limit : not applicable
- Lower explosion limit : not applicable
- Vapour pressure : not applicable

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Relative vapour density : not applicable  
Relative density : no data available

Solubility(ies)

Water solubility : insoluble  
Solubility in other solvents : no data available  
Partition coefficient: n-octanol/water : no data available  
Auto-ignition temperature : no data available  
Thermal decomposition : no data available

Viscosity

Viscosity, dynamic : no data available  
Viscosity, kinematic : no data available

**SECTION 10. STABILITY AND REACTIVITY**

Reactivity : No decomposition if stored and applied as directed.  
Chemical stability : Formaldehyde may be released by partial hydrolysis of the urea formaldehyde polymer, especially in high temperature applications or  
Possibility of hazardous reactions : Stable under recommended storage conditions. No hazards to be specially mentioned.  
Conditions to avoid : no data available

**SECTION 11. TOXICOLOGICAL INFORMATION****Acute toxicity**Product

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

**Skin corrosion/irritation**

no data available

**Serious eye damage/eye irritation**

no data available

**Respiratory or skin sensitisation**

no data available

**Germ cell mutagenicity**

no data available

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**Carcinogenicity**

<b>IARC</b>	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
<b>OSHA</b>	No component of this product present at levels greater than or equal to 0.1% is maintained in the OSHA Hazard Communication standard (29 CFR 1910.1200) and sections 1910.1001-1052.
<b>NTP</b>	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

**Reproductive toxicity**

no data available

**STOT - single exposure**

no data available

**STOT - repeated exposure**

no data available

**Aspiration toxicity**

no data available

**Further information****Product**

no data available

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**SECTION 12. ECOLOGICAL INFORMATION****Ecotoxicity**

no data available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Results of PBT and vPvB assessment**

no data available

**Other adverse effects****Product:**

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Additional ecological information : no data available

### SECTION 13. DISPOSAL CONSIDERATIONS

#### Disposal methods

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. Packaging that can not be reused after cleaning must be disposed or recycled in accordance with all federal, national and local regulations.

### SECTION 14. TRANSPORT INFORMATION

#### International transport regulations

### SECTION 15. REGULATORY INFORMATION

OSHA Hazards : Carcinogen

#### EPCRA - Emergency Planning and Community Right-to-Know Act

#### CERCLA Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
formaldehyde	50-00-0	100	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

#### SARA 304 Extremely Hazardous Substances Reportable Quantity

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ (lbs)
formaldehyde	50-00-0	100	*

\*: Calculated RQ exceeds reasonably attainable upper limit.

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

#### US State Regulations

##### Massachusetts Right To Know

formaldehyde	50-00-0	0 - 0.1 %
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##### Pennsylvania Right To Know

Mineral wool fibres	65997-17-3	50 - 70 %
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Urea, polymer with formaldehyde	9011-05-6	10 - 20 %
non-durable glass wool fiber	65997-17-3	5 - 10 %
formaldehyde	50-00-0	0 - 0.1 %

**New Jersey Right To Know**

Mineral wool fibres	65997-17-3	50 - 70 %
Urea, polymer with formaldehyde	9011-05-6	10 - 20 %
non-durable glass wool fiber	65997-17-3	5 - 10 %

**California Prop 65**

WARNING! This product contains a chemical known to the State of California to cause cancer.

Mineral wool fibres	65997-17-3
formaldehyde	50-00-0

**The components of this product are reported in the following inventories:****TSCA** On TSCA Inventory**DSL** All components of this product are on the Canadian DSL.**SECTION 16. OTHER INFORMATION****Further information**

Prepared by productsafety@jm.com

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.