THERMO BATTS

INSULATION FOR THE NEXT GENERATION

THERMOBATTS MATERIAL SAFETY DATASHEET # 2410

Section 1: Identification of the Material and Supplier

Product name:	Glass Mineral Wool Insulation
Other names:	ThermoBatts Ceiling ThermoBatts Acoustic Wall ThermoBatts Acoustic Partition ThermoRoof Blanket ThermoSound Acoustic ThermoBatts Wall Un-faced plain blanket
Recommended use:	Thermal & acoustic insulation including energy conservation. Used in homes, schools, warehouses, hospitals, public and commercial buildings.
Supplier:	ThermoBatts Pty Ltd
Address:	25 Resource Way, Malaga WA 6090
Telephone:	08 9443 9880
Website:	www.thermobatts.com.au
Emergency contact:	08 9443 9880 | Poisons Information 13 11 26 (Australia Wide) | Australian Emergency Line 000

Section 2: Hazards Identification

Non-hazardous substance /non-dangerous goods
Not classified as hazardous according to the criteria of Safe Work Australia

Section 3 - Composition / Information on Ingredients

Component Percent
Glass Mineral Wool > 85%
Proprietary Binder < 15%
Mineral Oil (solvent refined) < 2%

Additional Component Information Some products have facings of Poly weave foil, kraft paper, vinyl, or other materials.

Section 4: First Aid Measures

Inhalation: If you come into contact with high levels of dust, exit the area immediately and stay away until coughing and other symptoms diminish. Typically, no further action is required. However, if symptoms continue, seek medical attention.
Skin: Wash affected areas with soap and warm water.
Ingestion: Rinse mouth and drink plenty of water.
Eyes: Avoid rubbing or scratching your eyes, as dust particles can lead to scratches. Rinse your eyes thoroughly with plenty of water for 5 to 15 minutes. If irritation continues, seek assistance from a medical professional.

Section 5: Firefighting Measures

Extinguishing media
Suitable: Water, foam, carbon dioxide (CO2), and dry powder
Unsuitable: None
Special hazards arising from the substance or mixture
The products do not present a fire hazard during use; however, some packaging materials may be combustible. Combustion products from the product and packaging may include carbon dioxide, carbon monoxide, and trace gases such as ammonia, nitrogen oxides, and volatile organic compounds.
Advice for firefighters
In large fires occurring in poorly ventilated spaces where packaging materials are involved, the use of respiratory protection or breathing apparatus may be necessary.
Hazchem code - not applicable

Section 6 – Accidental Release Measures

Containment & clean up procedure:
If the product is torn or loose, reseal it to minimise fibre release. Personnel involved in the cleanup should wear personal protective equipment as outlined in section 8 to prevent skin and eye irritation. Clean the area carefully to avoid dispersing any irritant fibers, using wet sweeping methods or a vacuum cleaner equipped with a micro-filter. Reuse materials when possible or place them in a sealable plastic bag for disposal in accordance with local authority guidelines.

Section 7 – Handling and Storage

Handling Procedures - When dealing with uncontained material, make sure to wear the protective equipment outlined in Section 8 of this material safety data sheet. Once installed, this product is safe to use, as it does not emit dust or fibers and poses no health risks.

Storage Procedures - Store the product in accordance with any package instructions. It should not be kept under pressure for more than 90 days after delivery or purchase. Additionally, ensure that the material remains clean, dry, and safeguarded against moisture.

Section 8 - Exposure Controls / Personal Protection

Exposure Standards (Safe Work Australia)

Long-term exposure limit (8-hour TWA) 2 mg/m3 (inhalable dust) (A3)

(1) Note J of the workplace exposure limits for airborne contaminants (WEL list) defines low bio persistence fibres as synthetic mineral fibres (Man-Made Vitreous (Silicate) Fibres) that have been tested according to the test protocol Methods for the Determination of the Hazardous Properties for Human Health of Man-Made Mineral Fibres April 1999 (EUR 18748 EN) and found to comply to the test requirements. Note IARC has classified mineral wools (glass wool, rock wool (stone wool), slag wool and continuous glass filament) as IARC Category 3: not classifiable as to carcinogenicity in humans.

Engineering controls

For most applications and installations of this product, special ventilation is generally not necessary. It is important to implement work practices that reduce the release of and exposure to fibres and dust. Using hand tools tends to produce a smaller quantity of fibres and dust. In fixed manufacturing environments, local exhaust ventilation should be installed in cutting areas to eliminate airborne dust and fibres. Additionally, general dilution ventilation should be provided as needed to ensure that airborne dust and glass mineral wool fibres remain below the relevant exposure limits and guidelines.

Personal Protective Equipment

Eyes/Face protection

Wear safety glasses with side shields or goggles to avoid eye irritation. See Australian Standards AS 1336 and AS/NZS 1337 for more information.

Skin protection

Minimise direct contact with skin to prevent mechanical itching

Respiratory protection

In dusty environments, use suitable respiratory protection.

Hygiene practices

After contact with the product, rinse skin in cold water to reduce potential effects of mechanical itching.

Section 9 - Physical and Chemical Properties

Appearance:	Available in batts and blanket
Colour:	Yellow
Odour:	No significant odour
Melting range:	>704ºC/1300ºF
Boiling range:	Not applicable
Decomposition temperature:	Not applicable
Volatile Component (%vol):	<1%
Solubility in Water (g/L):	Insoluble
pH (as supplied)	Not applicable

Section 10 - Chemical Stability & Reactivity Information

Chemical Stability - No reported incompatibilities, however resin binders may be attacked by acidic, alkaline or solvent based substances. The cured resin is stable and will remain intact for the life of the product under normal atmospheric conditions.
Hazardous Decomposition - None known
Hazardous Polymerization - None known
Conditions to avoid:- Physical damage

Section 11 - Toxicological Information

Acute health effects: 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.
Inhalation: The dust may lead to irritation in the nose, throat, and respiratory system, particularly for individuals who have existing upper respiratory or chest issues like hay fever, asthma, or bronchitis.
Ingestion: Under typical usage conditions, this is unlikely; however, it may cause irritation to the lips, mouth, and stomach.
Eye: Dust acts as a mechanical irritant and may cause discomfort if it enters the eyes, leading to watering and redness.
Skin: Insulation dust may irritate the skin resulting in itching and occasionally a red rash. The rash is not allergic and usually disappears quickly.
Chronic health effects: There are no known long term health effects.

Section 12 - Ecological Information
Ecotoxicity: Neither the raw materials nor the finished product contains any ozone depleting chemicals. This product is not classified as a hazardous air pollutant.
Mobility: No information available

Section 13 - Disposal Considerations
This product, as supplied, is not regulated as a hazardous waste by any Department of Environmental (DOE). Always adhere to state and local disposal regulations. If you are uncertain about these regulations, please contact your local Public Health Department or the local DOE office. No DOE Waste Numbers apply to this product's components.
Dispose of waste materials in accordance with State and Federal Environmental Regulations.

Section 14 – Transportation Information
Shipping Name: This product is not classified as a hazardous material for transport.

Section 15 – Regulatory information
Poisons Schedule: None
Poisons Information Centre: 13 11 26 (Australia Wide)

Section 16 -Other Information & References
Additional Information and Reference Documents
Australian Emergency Line 000
Poisons Information Centre 13 11 26 (Australia Wide)
Please read instructions/label before using product.

Australian Standards References:
AS/NZS 1336 Recommended practices for occupational eye protection
AS/NZS 1715 Selection, use and maintenance of respiratory protective devices
AS/NZS 1716 Respiratory protective devices
AS/NZS 2161 Occupational protective gloves

This MSDS was correct at the time it was prepared. The information in it must not be altered, deleted or added to.

This is the end of MSDS # 2410

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