Material Safety Data Sheet

Issue Date 20.02.2012

FI Industrial Bonded Products

Section 1: Identification of the material and supplier

Product Name:	FI Industrial Bonded Products
Other Names:	Mineral Wool Fire Stop Party Wall Bats, Mineral Wool Fire Damper Strips, Mineral Wool Blanket, Mineral Wool Metal Mesh Blanket, Mineral Wool Slab, Mineral Wool SPI.
Product Use:	Thermal and acoustic insulation including energy conservation, used in homes, public and commercial buildings, warehouses, industrial and petrochemical plants, motor vehicles, ships, public transport, power stations and white goods.
Supplier Name:	Fletcher Insulation Pty Ltd
Address:	161 Arthur Street, Homebush NSW 2140
Telephone Number:	1800 000 878
Emergency Telephone:	+61 2 9752 9200
Facsimile:	+61 2 9764 3175
Website:	www.insulation.com.au

Section 2: Hazards identification

NON HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.
Not classified as hazardous according to the criteria of Safe Work Australia.

Hazards:	-
Risk Phrases:	-
Safety Phrases:	S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.

Section 3: Composition/Information on Ingredients

Ingredient (common name)	Proportion	CAS Number
Slag wool fibre	>95%	65997-17-3
Phenolic resin	<5%	9003-35-4
If laminated, contains the following adhesive:		
Vinyl alcohol polymer	<1%	9002-89-5

Section 4: First aid measures

Inhalation:	If exposed to excessive levels of dust, leave area of dust exposure and remain away until coughing and other symptoms subside. Other measures are usually not necessary. Seek medical attention if symptoms persist.
Ingestion:	Rinse mouth and drink water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms occur.
Skin:	In case of skin contact rinse with cool water and then wash affected areas with soap and warm water. Mechanical action of fibres on skin can cause itchiness. A commercially available skin cream or lotion may be helpful to treat dry skin areas. Seek medical attention if symptoms persist.
Eyes:	In case of eye contact, immediately irrigate eyes with plenty of running water for at least 15 minutes, keeping eyelids open. Seek immediate medical attention. Contact lenses should not be worn when handling this product.

FI Industrial Safety, Value, Performance

Fletcher Insulation

We safely deliver extraordinary value to our customers

Section 5: Fire fighting measures

	For major fires call the Fire Brigade. Ensure that an escape path is available from any fire.
Suitable Extinguishing Media:	Carbon dioxide (CO2), water, water fog, foam and dry chemical.
Hazardous Combustion Products:	Oxides of carbon and smoke.
Firefighting Equipment:	Wear Safe Work Australia approved self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazards:	The products are non-combustible and do not pose a fire hazard. However, packaging material may burn.
Hazchem Code:	Not allocated.

Section 6: Accidental release measures

Spills:	Wear appropriate personal protective equipment such as gloves, protective clothing. Pick up large pieces. Clean area using wet sweep methods to avoid dispersion of any irritant fibres or approved micro filter equipped vacuum cleaner. These procedures will help minimise potential exposures. Place in a sealable plastic bag for disposal according to applicable local and state government regulations. Never use compressed air and avoid dry sweeping.

Section 7: Handling and storage

Handling:	Use of safe work practices are recommended to avoid eye or skin contact, inhalation or ingestion. Observe good personal hygiene. Keep work area clean of dust and fibres by using an industrial vacuum cleaner with high efficiency filter or wetting down area with water. Never use compressed air and avoid dry sweeping.
Storage:	Material should be kept dry and protected from the elements. Protect from physical damage.

Section 8: Exposure controls/personal protection

Exposure Standards: (Safe Work Australia)	Slag wool fibre (man-made mineral fibre) – respirable fibres: TWA: - ppm / 0.5 f/mL STEL: - ppm / - mg/m3 Slag wool fibre (man-made mineral fibre) – non-respirable fibres: TWA: - ppm / 2mg/ m3 STEL: - ppm / - mg/m3
Engineering Controls:	Local exhaust ventilation is recommended when dusts can be released in excess of established airborne exposure limits. If cutting or trimming with power equipment, dust collectors and local ventilation should be used. Keep work area clean of dust and fibres by using an industrial vacuum cleaner with high efficiency filter or wetting down area with water. Never use compressed air and avoid dry sweeping.
Respiratory Protection:	Wear an approved dust respirator in poorly ventilated areas where local exhaust is not feasible, if TLV is exceeded, and/or when dusty conditions exist. See Australian Standards AS/NZS 1715 and 1716 for more information.
Eye 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:	Direct skin contact can be minimised by wearing long sleeved shirts and long trousers, a cap or hat, and standard duty gloves. See Australian Standards AS 2161 and 2919 and AS/NZS 2210 for more information.

Hygienic Practices:	Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Work clothes should be washed regularly and separately from other clothes before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Section 9: Physical and chemical properties

Appearance:	Tan or off yellow solid
Odour:	Low odour
Solubility in water:	Insoluble
Boiling Point:	Not applicable
Melting Point:	1150°C
Vapour Pressure:	Not applicable
Specific Gravity (H2O = 1):	Not applicable
Vapour Density:	Not applicable
Percent Volatiles:	Not applicable
pH Range:	Not applicable

Section 10: Stability and reactivity

Chemical Stability:	Stable under normal conditions of use.
Incompatible Materials:	Acids - gives off hydrogen sulfide (H2S) under certain acidic conditions.
Hazardous Decomposition Products:	Oxides of carbon and smoke would be produced at high temperatures with thermal decomposition.
Hazardous Polymerisation:	Will not occur
Conditions to avoid:	Physical damage.

Section 11: Toxicological information

Toxicity:	Phenolic resin: Harmful if swallowed or inhaled. May be harmful in contact with the skin. Toxicity may depend upon extent of polymerisation and the degree to which unreacted monomer is present, since both monomers are toxic (formaldehyde and phenol).
Routes of Exposure:	Inhalation, ingestion, eye and skin.
Acute Health Effects:	Inhalation: May cause irritation of the nose, throat and upper respiratory tract resulting in coughing, sneezing and nasal irritation. Ingestion: Unlikely under normal conditions of use. No known effects. Eye: May cause eye discomfort resulting in watering and redness. Skin: May irritate the skin resulting in itching and occasionally a red rash which usually disappears quickly.
Chronic Health Effects:	No information available.
Existing Conditions Aggravated by Exposure:	Pre-existing upper respiratory and lung disease such as, but not limited to, bronchitis, emphysema and asthma. Persons with chronic or systemic skin or eye disease should use precautions and wear all personal protective equipment when working with this product.
Carcinogenicity:	Mineral wool fibres are classified as IARC Group 3 - Non-classifiable as to its carcinogenicity to humans.

Section 12: Ecological information

Ecotoxicity:	This product is not expected to have an adverse effect on the ecology.
Mobility:	No information available.

Section 13: Disposal considerations

Disposal methods and containers:	Dispose according to applicable local and state government regulations.
Special precautions for landfill or incineration:	Please consult your state Land Waste Management Authority for more information.

Section 14: Transportation information

Not classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail.

UN number:	Not applicable
Proper Shipping Name:	Not applicable
Dangerous Goods Class:	Not applicable
Hazchem Code:	Not applicable
Packing Group:	Not applicable
Special Precautions:	Not applicable

Section 15: Regulatory Information

Slag wool fibre, phenolic resin and vinyl alcohol polymer are listed in the Australian Inventory of Chemical Substances (AICS).

Section 16: Other information

Last Revision of MSDS:	Rev 1.0 (13/07/2011)
Prepared by:	MSDS.COM.AU Pty Ltd www.msds.com.au
Abbreviations Used:	IARC: International Agency for Research on Cancer NTP: National Toxicology Program (U.S.) OSHA: Occupational Safety and Health Administration (U.S.) STEL: Short term exposure limit TWA: Time weighted average

The information contained in this material safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Fletcher Insulation Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used. The information supplied within this Material Safety Data Sheet (MSDS) must not be altered, deleted or added to. The supplier will not accept any responsibility for any changes made to its MSDS by any other person or organization. The supplier will issue a new MSDS when there is a change in product specification, standards, guidelines or regulations.
Please read instructions / label before using product.
This MSDS is prepared in accord with the ASCC document “National Code of Practice for the Preparation of Material Safety Data Sheets” 2nd Edition [NOHSC:2011(2003)]

Industrial
Safety, Value, Performance

Freecall SALES **1300 65 44 44** Technical Services **1800 000 878**
Email **info@insulation.com.au** Web **www.insulation.com.au**

Fletcher Insulation

NOTE: Fletcher Insulation Pty. Limited. reserves the right to change product specifications without prior notification. Information in this Publication and otherwise supplied to users as to the subject product is based on our general experience and is given in good faith, but Because of the many particular factors which are outside our knowledge and control and affect the use of products, no warranty is given Or is to be implied with respect to either such information or the product itself, in particular the suitability of the product for any particular purpose. The purchaser should independently determine the suitability of the product for the intended application.

Fletcher Insulation® is a registered trademark of Fletcher Insulation Pty Limited ABN 72 001 175 355.