

PINK® BATTS® INSULATION

Safety Data Sheet

Issue Date: 30/08/2021

Version: 1.6

**Safety Data Sheet according to HSNO Regulations****SECTION 1 : IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Product Name : Pink® Batts® Insulation

Supplier Name : TASMAN INSULATION NEW ZEALAND LTD

Address : Holloway Place, PO Box 12-069, Penrose, Auckland, New Zealand

Telephone : + 64 9 579-2139

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Synonym(s) : Pink® Batts® Classic and Pink® Batts® Ultra® ceiling and wall insulation, Pink® Batts® Building Insulation Blanket, Pink® Batts® Masonry Wall, Pink® Batts® Silencer®, Pink® Batts® SnugFloor®, Noise Control Stack™, Noise Control Blanket™, Sonomatt®, Factoryliner™, Siliner/Ductliner™, Ductwrap, Hush Duct®, Flexible Equipment Insulation™ (FEI™), Lightweight Equipment Insulation™ (LEI™), Intermediate Service Board™ (ISB™), Rigid Equipment Insulation™ (REI™), Preformed Pipe Sections, Flexwrap®, Appliance Insulation, White Wool, Hot Water Cylinder Wrap

Use(s) : Thermal and acoustic insulation for homes, schools, commercial buildings, industrial plant, vehicles, white goods, fire protection.

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SECTION 2 : HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO HAZARDOUS SUBSTANCES (CLASSIFICATION) REGULATIONS 2001**Hazard Classification**

Non Hazardous.

Hazard Statements

Glass wool insulation may produce a respirable dust which may cause irritation to the skin, eyes and respiratory tract.

Precautionary Statements

Avoid inhaling dust.

SECTION 3 : COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name & Concentration	Concentration (%)	CAS Number	Derived HSNO Classification in the substance
Borosilicate Glass	84-98	N/A	
Heat cured phenol-formaldehyde resin	2-16	N/A	

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De-dusting highly refined process oil	0-2	64742-01-4	
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SECTION 4 : FIRST AID MEASURES

Eye

If in eyes, hold eyelids apart and flush the eye continuously with running water for at least 15 minutes. Seek medical advice.

Inhalation

If inhaled, remove from contaminated area to fresh air.

Skin

Wash with mild soap and running water. Use a washcloth if necessary to help remove fibres and particles.

Ingestion

Give water to drink.

Medical Advice

If symptoms persist seek medical advice. Treat symptomatically.

SECTION 5 : FIRE FIGHTING MEASURES

Flammability

Glass wool insulation is stable and similar products are used for fire proofing purposes. During a fire, however, the packaging and some facings may burn and the resin binding the fibres may break down producing gases typical of any organic material being burnt in a fire.

Fire and Explosion

Non-flammable. Not Explosive.

Extinguishing

Normal fire fighting.

Hazchem Code

None allocated.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Spillage

Any spilt material due to accidents or off-cuts from installation should be cleaned up by the use of a vacuum cleaner or sweeping. Waste should be placed into containers (e.g. plastic bags) that will not allow the product to become airborne when transported for disposal. The product should be disposed of at an approved landfill site in accordance with Resource Management Act.

SECTION 7 : STORAGE AND HANDLING

Storage

Glass wool insulation should be stored in its supplied packaging in an area where it is protected from being damaged by traffic movement and sources of heat or flame. Store in a cool dry area.

Handling

Before using this product, become familiar with the safe handling procedures. No special transport requirements are considered necessary as long as the product is kept within its outer packaging.

SECTION 8 : EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Stds

The New Zealand Workplace Exposure Standard for glass wool insulation is:

- 0.3 respirable fibre per mL and 2 mg/m³ inspirable dust (refer Workplace Exposure Standards and Biological Exposure Indices, Edition 12-1 November 2020, Department of Labour).
- It is anticipated that airborne respirable fibre levels will rarely exceed 0.2 f/mL in most user applications.

Engineering Controls

Provide good ventilation (either forced or natural). Minimise dust generation by using hand tools. Powered tools and machinery (e.g. saws, sanders, drills) should be fitted with dust extraction equipment. An industrial vacuum cleaner should be used to clean work areas.

PPE

Loose fitting work clothes which cover the arms, neck and legs are recommended for comfort. Work gloves are also recommended. Use a half-face respirator (minimum class P1) when exposure is above WES limit, and at levels below WES limit if desired for comfort (refer to Worksafe list of approved Respiratory Protection Equipment). In very dusty conditions greater comfort may be afforded by a full-face powered air-purifying respirator. Ventilated, non-fogging goggles are also recommended particularly when handling glasswool overhead. Wash regularly and launder work clothes separately from other clothes.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Pink, Yellow to brown or grey/green	Solubility (water)	Insoluble
Odour	May have a faint odour of resin	Specific Gravity	Not available
pH	7	Volatiles	Not available
Vapour Pressure	N/A	Flammability	Non Flammable
Vapour Density	N/A	Flash Point	N/A
Boiling Point	N/A	Upper Explosion Limit	N/A
Melting Point	700°C	Lower Explosion Limit	N/A
Evaporation Rate	N/A	Autoignition Temperature	N/A
Density	N/A	Viscosity	N/A

Other Properties

Average fibre diameters (nominal diameters) range from 4.3 to 10.0 millionths of a metre (micrometres, microns, or µm). However the product can contain fibres ranging from one to twenty µm diameter. The manufacturing process for bonded glass wool involves the heat curing of the resin to form a yellow/pink/green binder which bonds the fibres. Solvent refined mineral de-dusting oils (usually less than 1%) are added during manufacture. Testing of this product during use indicates that airborne respirable fibre levels of less than 0.2 f/mL can be anticipated.

SECTION 10 : STABILITY AND REACTIVITY

Stability

Stable under recommended conditions of storage.

Conditions to Avoid

No known conditions to avoid.

Material to Avoid

No known materials to avoid.

Decomposition

May evolve toxic gases (hydrocarbons, carbon oxides) when heated to decomposition.

Polymerization

Polymerization will not occur.

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**SECTION 11 : TOXICOLOGICAL INFORMATION**

Health Hazard Summary**ACUTE (Short Term)**

- Eye Irritant: Contact may result in irritation, lacrimation, pain and redness.
- Inhalation: Irritation of the nose and throat; especially in people with pre-existing upper respiratory or chest complaints.
- Skin: Irritation to the skin causing itching and sometimes a red rash may occur. The itch or rash is usually not severe, does not last long, and can be relieved by washing with mild soap and cool water.
- Ingestion: Unlikely to occur and no known health effects but would be expected to cause stomach irritation if ingested.

CHRONIC (Long Term):

There are no long-term health effects. This product is rapidly bio-soluble in laboratory studies. Bio-soluble means that any fibres inhaled into the lungs dissolve in the body fluids and are quickly cleared from the lungs. The fibres comply with the short term biopersistence test in Note Q in European Directive 97/69/EC of 5 Dec 1997. The International Agency for Research on Cancer (IARC) has classified glass wool insulation as not classifiable as to carcinogenicity to humans (Group 3).

SECTION 12 : ECOLOGICAL INFORMATION

Environment

Cured Phenol Formaldehyde Resin is not toxic to the environment

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal

The product should be disposed of at an approved landfill site.

Legislation

Resource Management Act.

SECTION 14 : TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD ACCORDING TO LAND TRANSPORT RULE: DANGEROUS GOODS 2005
NZS 5433:2007, UN, IMDG OR IATA

Shipping Name None Allocated

UN No. None Allocated

Pkg Group None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Subsidiary Risk(s) None Allocated

EPG None Allocated

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**SECTION 15 : REGULATORY INFORMATION**

Approval Code	N/A
Group Name	N/A
Pictograms Required	None

SECTION 16 : OTHER INFORMATION

The information provided on this SDS 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 as 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 material or in any process, unless specified in the text.

N/A. = NOT APPLICABLE

End of Report