



SAFETY DATA SHEET

Rock Wool Fireseal Party Batts

1. Identification

Product Name:	Rock Wool Fireseal Party Batts
Other Names:	ROCK-W-12
Recommended Use:	Thermal and acoustic insulation, including fire protection and energy conservation. Use in industrial (petrochemical and other plants, power stations), marine (ships, off-shore). Commercial (public, commercial, warehouses) and residential (homes, apartments).
Supplier:	Thor Building Products Pty Ltd
Address:	293 Earnshaw Rd, Northgate, Qld, 4013
Telephone:	1300 880 828
Facsimile:	07 3246 2200
Website:	www.thorbuildingproducts.com.au
Manufacturer:	PT Nichias Rockwool Indonesia - Section in charge: Quality Control Section
Emergency Contact:	Australia only: 000 Fire Brigade & Police OR Poisen Information Centre 13 11 26
Important Notice:	This Safety Data Sheet (SDS) is issued by Thor Building Products Pty Ltd in accordance with Worksafe Australia guidelines. As such, the information herein must not be altered, deleted or added to. Thor Building Products Pty Ltd will issue a new SDS when there is a change in product specifications and/or Worksafe Australia guidelines/regulations. Thor Building Products Pty Ltd will not accept any responsibility for any changes made to its SDS in content by any other person(s), organization or company.

2. Hazard(s) Identification

Classified as non-hazardous according to the criteria of the Australian Safety and Compensation Council ASCC (formerly NOHSC). Approved criteria for classifying hazardous substances (NOHSC:1008) 3rd Edition. Tombo MG Rockwool is classified as non-dangerous goods according to the Australian Code for the transport of dangerous goods by road and rail.

3. Composition/Information on Ingredients

Chemical Name:	Proportion:	CAS Number:
Mineral Rockwool Fibre (Amorphous, non-crystalline, biosoluble Note Q applicable)	>85%	-
Heat-cured resin (Fibre bonding agent)	>15%	-

4. First Aid Measures

Eye:	If irritation occurs, check for and remove any contact lenses, flush eyes with potable cold water. Do not rub eyes. Seek medical attention.
Inhalation:	If Irritation occurs, clean throat by rinsing with cold potable water. Leave dusty area for fresh air. Consult a doctor if irritation persists.
Skin:	If irritation occurs, wash off under cold running water prior to washing with mild soap. Do not rub or scratch. Consult a doctor if irritation persists.
Ingestion:	If ingested, may cause transient irritation to the digestive tract. Seek medical attention.
Swallowed:	Rinse the lips and mouth with water, give water to drink and seek medical attention.
Advice to Doctor:	Any symptoms and signs of ill-health are likely to be due to other causes. Can be slightly or temporarily itchy with prolonged contact with skin, throat or eyes due to mechanical irritation from fibre contact. Does not produce acute or chronic health effects. Treatment should be directed towards cleansing the skin, throat or eyes and symptomatic treatment as necessary.



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5. Fire Fighting Measures

Flammability:	Rockwool in its plain form is non-combustible as required by the NCC. It is non-flammable and does not pose a fire hazard.
Suitable Extinguishing Media:	As needed for surrounding fire conditions. Any extinguishing media may be used as required. Waterfog may be used to cool intact containers and nearby storage areas.
Hazards From Combustion Products:	Tombo MG Rockwool / Insulation is non-flammable, but the plastic wrapping, resin binder, may decompose, smolder or burn in a fire or when heated above 250°C. If product is present in a fire, toxic gasses or smoke may be evolved depending on surrounding fire conditions.
Fire Fighting Procedures:	As needed for surrounding fire conditions. If required, evacuate area and contact emergency services; remain upwind and notify those down wind of fire hazard; and wear protective equipment including self contained breathing apparatus (SCBA).
HAZCHEM Code:	None allocated.

6. Accidental Release Measures

Containment Procedure:	If product is torn or loose, cover or reseal to minimize fibre release. Reuse where possible or place in a sealable plastic bag for disposal according to local authority guidelines.
Clean Up Procedure:	Personnel directly involved in clean up of loose material should wear personal protective equipment as described in Section 8. Clean area so as to avoid dispersion of loose material or fibres using wet sweep methods or vacuum cleaner.

7. Storage and Handling

Handling:	These are safe in use. Once installed, the product does not release dust or fibres. Handling, installing or removing the product may result in some dust and airborne fibre. Minimise eye or skin contact and inhalation during handling installation and removal (see Section 8). Observe good personal hygiene, including washing hands before eating. Remove personal protective equipment before entering eating areas.
Storage:	Store in sealed container in cool, dry area, removed from foodstuffs. Ensure packages are adequately labeled protected from physical damage, and sealed when not in use. Avoid packaging being stored under UV light (direct sunlight) for long periods.
Incompatibilities:	None

8. Exposure Controls/Personal Protection

Exposure Standards:	None allocated for Tombo MG Rockwool Insulation products, which may be regarded as nuisance dusts. The supplier / distributor recommends following the National Occupational Exposure Standard (NES) Australian Safety and Compensation Council ASCC (formerly NOHSC) general guide to keep all occupational exposures to dust and other atmospheric containments to as low a level as workable. For non-hazardous nuisance dusts: 2.0mg/m ³ TWA for inspirable dusts and / or 10mg/m ³ TWA for total dust (of any type or particle size).
Biological Limits:	No biological limit(s) allocated.
Engineering Controls:	Work practices should minimise the release of, and exposure to, fibres and/or dust. Hand tools that generate the least amount of dust should be used. If power tools are used, they should be equipped with appropriate dust collection systems. Work areas, if dusty, should be cleaned by simple hand vacuuming.



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Maintenance and repair of used equipment:	Work areas should be cleaned regularly and vacuuming or wet sweeping is suggested. Use of personal protective equipment as outlined below is recommended during work in areas or on equipment where this product has been installed.
Ventilation:	During most installations no special ventilation will be required. However, if installing in dusty or poorly ventilated areas, or during the first heat-up cycle in high temperature industrial application, local exhaust ventilation should be considered. Work practices should aim to minimise the release of and exposure to fibres and dust. Hand tools generate the least amount of dust and fibres. If power tools are used directly on the product appropriate dust collection systems are recommended.
PPE:	<p>Eye Protection: Ventilated, no-fogging dust resistant goggles conforming to AS/NZS 1336 should be worn when handling Rockwool in enclosed or poorly ventilated areas and particularly when installing overhead.</p> <p>Skin protection: Loose comfortable clothing should be worn. It is recommended to avoid direct skin contact by wearing long sleeved shirts and long trousers, a cap or hat, and standard duty gloves conforming to AS 2161. People working with this product should wash their skin with cold water and soap at end of the work shift and at all work breaks.</p> <p>Respiratory Protection: None normally required. An approved particulate respirator conforming to AS/NZS 1715 and AS/NZS 1716 should be worn whenever personally desired or where it is suspected that dust levels may exceed the levels stated. P1, P2, or N95 type respirators are appropriate.</p> <p>Personal Hygiene: Washing facilities should be available on site to wash the skin and to treat any dust in the eyes.</p> <p>Smoking and other dusts: Inhalation of airborne particulates from other sources, including those from cigarette smoke, may increase the risk of lung disease. AIS recommends that all storage and work areas should be non-smoking zones, and other airborne contaminants be kept to a minimum.</p>

9. Physical and Chemical Properties

Appearance:	The material presents as a green/yellow/brown fibrous matt. It is supplied in pre-formed Pipe Section, Flexible Blanket, Rigid Slab in various sizes, densities and thicknesses. The products are wrapped in plastic and may have Foil Facing, Black Scrim Facing, White Scrim Facing and with or without Wire Mesh
Odour:	Usually odourless but may have faint amine odour.
Flammability:	N/A
Melting Point:	Over 800° c
pH, at Stated Concentration:	N/A
Initial Boiling Point/Range:	N/A
Flash Point:	N/A
Vapour Density:	N/A
Vapour Pressure:	N/A
Solubility(ies):	Insoluble
Decomposition Temperature:	Binder decomposition 250° C



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10. Stability and Reactivity

Chemical Stability:	Stable.
Incompatible Materials:	None identified
Hazardous Decomposition Products:	None identified

11. Toxicological Information

Toxicology data: The fibre make up of these products are classified by Safe Work Australia as Mineral Wool.

In accord with EU ATP 31 (2009) the fibres are not classified as irritant, and being bio-soluble they are not regarded as carcinogenic.

Tombo MG Rockwool Insulation products are bio-soluble, which means that any fibres inhaled into the lungs dissolve in body fluids and are cleared from the lungs. They are categorised as having low biopersistence eg. After inhalation, as specified under note Q as listed in the Australian Hazardous Substances Information System, and in the Australian approved criteria document. Fibres from these products comply with the shortterm bio-persistence test and fulfill the requirements of international and Australian authorities on biosolubility.

International

Health Effects: Acute (Short Term)

Eye:	Can cause eye discomfort, watering and redness.
Inhalation:	Unprotected exposure to high levels of dust during installation and removal may cause discomfort of nose, throat, lower and upper respiratory tract. In particular to persons suffering from asthma, bronchitis, hay fever and other such chest complaints.
Skin:	Handling may result in temporary itching of the skin. This is not an allergy and normally quickly disappears.
Ingestion:	Unlikely in normal use. If attempted to be swallowed may result in gagging, vomiting, temporary itching of lips, throat, and mouth.

Note: In high temperature applications above 250°C the binder in the product which is incombustible may generate steam and off gas. During this period suitable protective equipments (section 8) should be worn. Unprotected, some irritation to the eyes, nose, throat and respiratory tract may occur.

Health Effects: Chronic (Long Term)

There are no known long term effects.

12. Ecological Information

Eco-Toxicity:	This product is not classified as a hazardous air pollutant. It is suggested that based upon estimates that these products are no toxic to birds, insects, fish or other organisms in the environment.
Persistence & Degradability:	Tombo MG Rockwool Insulation is bio-soluble and in most ecosystems it would be expected to solubilise over a period of weeks to months. Binder coated Rockwool in hydrophic and no adverse effects would be expected if released accidentally in water or soil.
Ozone Depleting Potential:	Ozone depletion potent

13. Disposal Considerations

Place material in plastic bags and seal for disposal according with local authority guidelines. Bags should be labeled non-hazardous insulation wool or as general building waste. Department of Environment and Climate Change NSW classifies Rockwool Insulation as general solid waste and local authorities will advise handling arrangements at the disposal sites.



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14. Transport Information

NOT CLASSIFIED AS DANGEROUS GOOD BY THE SAFE WORK AUSTRALIA CRITERIA.

UN Number:	None Allocated.
Proper Shipping Name:	None Allocated.
DG Class:	None Allocated.
Subsidiary Risk(s):	None Allocated.
Packing Group:	None Allocated.
Hazchem Code:	None Allocated.

15. Regulatory Information

Poisons Schedule:	Not Scheduled. No specific regulatory requirements are applicable regarding occupational health and safety, consumer protection or environmental protection.
Safety, health and environmental regulations/legislation specific to material:	The overall conclusion is that there are no hazardous classifications associated with Rockwool fibres in respect to physical, health and environmental considerations.

16. Other Information

Generally:	This SDS has been prepared in accordance with SWA guidelines. This SDS does not constitute a workplace assessment. The information provided represents the state of our knowledge regarding this material at the date of its publication. The information provided does not constitute a product specification and no warranty expressed or implied is hereby made. The information relates only to the specific material designated when used in applications it has been designed for. This information may not be valid for such materials used in combination with any other material or in any other processes, unless specified in the text.
References:	The following references are intended as a guide to good industrial practice applicable to building and construction: 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 2161 - Industrial safety gloves and mittens (excluding electrical and medical gloves). ASCC - Australian Safety and Compensation Council (formerly NOHSC). EU/EC - European Union, European Community. IARC - International Agency for Research on Cancer. NICNAS - National Industrial Chemicals Notification and Assessment Scheme. NCC - National Construction Code (Volume One and Two Building Code of Australia). PDS - Product Data Sheet. SDS - Safety Data Sheet (formerly an MSDS, Material Safety Data Sheet). SWA - Safe Work Australia (formerly ASCC/NOHSC). TWA - Time-weighted average. UK - United Kingdom.
Abbreviations, Acronyms, Terms Used:	