

MATERIAL SAFETY DATA SHEET

FIRE SNAKE

SECTION 1: IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name:	Fire Snake
Other Names:	-
Recommended Use:	Fire protective insulation. Used in domestic, commercial, public buildings and industrial plants as a seal in floors/walls for fire protection.
Supplier:	Pyropanel
Address:	122-124 Beresford Road, Lilydale, Victoria 3140, Australia
Telephone:	+61 (0)3 9735 5688
Facsimile:	+61 (0)3 9739 5772
Website:	www.pyropanel.com.au

SECTION 2: HAZARDS IDENTIFICATION

NON-HAZARDOUS SUBSTANCE - NON-DANGEROUS GOODS

STATEMENT OF HAZARDOUS NATURE: Not classified as Hazardous according to the criteria of the Australian Safety and Compensation Commission ASCC (formerly National Occupational Health and Safety Commission NOHSC) Approved Criteria For Classifying Hazardous Substances [NOHSC: 1008] 3rd Edition Non-Dangerous Goods under State and Commonwealth legislation.

Risk and Safety phrases: Due to the nature of this product such phrases are not applicable to this material.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Ingredients:	Proportion:	CAS Number:
Rockwool vitreous fibres	> 90%	65997-17-3
Polyolefin	< 10%	-

Other properties: The fibres are amorphous (non-crystalline) and are biosoluble minerals. The other ingredients also present no harmful effects. No organic solvents are present in the material.

SECTION 4: FIRST AID MEASURES

Swallowed: Rinse the lips and mouth with water, give water to drink, and seek medical attention.

Eye: Flush with copious amounts of water. Ensure irrigation under the eyelids by occasionally lifting upper and lower lids. If symptoms persist seek medical advice.

Skin: Gently brush or vacuum off adherent fibres. Sluice with water and, if itching persists, seek medical attention.

Inhaled: Remove to fresh air. Encourage patient to blow nose to ensure clear breathing passages. If symptoms persist seek medical advice.

Notes to the doctor: This product can be slightly irritating to the skin, but is not known to produce any chronic health effects. Treatment should be directed toward removing the source of irritation with symptomatic treatment as necessary. Any other symptoms and signs of ill health are likely to be due to other causes.

SECTION 5: FIRE FIGHTING MEASURES

Specific Hazards: Non-flammable. No fire or explosion hazard exists.

Extinguishing Media: All standard fire extinguishing media are qualified.

Special protective precautions for fire fighters: Standard fire fighting equipment is adequate.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Should the product be broken during handling fibres may be released. Normal work-safe conditions as described in SECTION 8 will adequately cover the provisions required to provide a safe environment should such an event take place. Clean area so as to avoid dispersion of any irritant fibres using wet sweep methods or approved micro-filter equipped vacuum cleaner. Reuse where possible or place in a sealable plastic bag for disposal according to local authority guidelines

SECTION 7: HANDLING AND STORAGE

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. Observe good personal hygiene including washing hands before eating. Remove protective equipment before entering eating areas. General rules of good workplace practice apply. Keep workplace clean, minimise dust by use of dust extractors when cutting or sanding. Ensure that the work area is well ventilated.

Storage: Store in sealed container in cool, dry area, removed from foodstuffs. Ensure packages are adequately labelled, protected from physical damage, and sealed when not in use. Avoid packaging being stored under UV light (direct sunlight) for long periods.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards: Australian Safety and Compensation Commission ASCC (formerly NOHSC) Australia Occupational Exposure Standard: None allocated to this product but for airborne respirable fibres 0.5f/ml time-weighted average (TWA) standard is recommended and a standard of 2.0 mg/cubic metre time-weighted average for non-respirable fibres (inspirable dusts). ASCC standards provide that all exposures should be kept as low as possible. During most applications and installations of this material, no special ventilation will be required. However, if dusty, or in confined spaces, local exhaust ventilation should be considered. Work practices should aim to minimise the release of, and exposure to, fibres and /or dust. If power tools are used directly on the product appropriate dust collection systems are recommended. Work areas should be cleaned regularly.

Eye Protection: The dust is irritating and may be abrasive to the eyes causing inflammation. Any contact with the dust can be avoided by wearing dust resistant goggles conforming to Australian and New Zealand Standards AS/NZ 1336.

If Swallowed: Not normally a hazard due to physical form. The material is a physical irritant to the gastrointestinal tract.

Skin Protection: Released fibres are mildly abrasive and irritating to the skin and may cause temporary rash. Release of fibres can take place during cutting and trimming etc. but safe work conditions minimise the threat from fibres.

Respiratory Protection: The dust is irritating to the upper respiratory tract. Nose and throat irritation may be transitory.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear polymer container with greenish-yellow fill
Odour:	Nil
pH:	Not applicable
Boiling point:	Not applicable
Melting point:	Outer case softens < 200°C; Fill > 1000°C
Vapour pressure:	Not applicable
Specific gravity (water = 1):	Not applicable
Solubility in water:	Not applicable
Evaporation rate:	Not applicable
Vapour density:	Not applicable
Percent volatiles:	Very low; <1%
Flash point:	Not applicable
Moisture content	Not applicable
Potential for dust explosion:	Not applicable
Fibre dimensions:	4 – 5 microns: 70%, 6 microns: 20%, > 6 microns 10% (no asbestos)

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability:	The product is stable under normal ambient conditions
Conditions to avoid:	Fire Snake can be damaged when exposed to poor handling
Incompatible materials:	Not applicable
Hazardous decomposition products:	Nil
Hazardous reactions:	In case of correct storage and handling dangerous reactions are unknown.

SECTION 11: TOXICOLOGICAL INFORMATION

No long-term detrimental health effects are known. The Fire Snakes contain man-made vitreous fibres of no classification according to EC protocols ECB/TM26:27REV.7 1998. The fibres are bio-soluble which means that any fibres inhaled into the lungs dissolve in body fluids and are then cleared from the lungs.

Fibres would comply with the short-term bio-persistence test and fulfil the requirements of Australian and international authorities on bio-solubility. ASCC/NOHSC and international authorities do not classify mineral wool fibres with bio-solubility as carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Neither the raw materials used contain any ozone depleting chemicals. This product is not classified as a hazardous air pollutant. Rockwool is bio-soluble and in most ecosystems it would be expected to solubilize over a period of weeks to months. Rockwool is hydrophobic, and no adverse environmental effects would be expected if accidentally released in the water or soil. This product would cause no harm to fish or wildlife.

SECTION 13: DISPOSAL CONSIDERATIONS

Any waste material should be cleaned up and disposed of in accordance with local authority guidelines. Use protective equipment as described in Section 8.

SECTION 14: TRANSPORTATION INFORMATION

Transportation Requirements:	Fire Snakes are not regulated as a Dangerous Good. No special transport requirements are necessary.
UN Number:	None allocated
Class:	None allocated
Subsidiary Risk 1:	None allocated
Packaging Group:	None allocated
Hazchem Code:	None allocated

SECTION 15: REGULATORY INFORMATION

Classification: Classified as Non Hazardous according to ASCC/NOHSC criteria. Classified as Non Dangerous Goods according to criteria of the Australian Dangerous Goods Code.

Poisons Schedule: None allocated

SECTION 16: OTHER INFORMATION

Additional information and reference documents: National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)], April 2003. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012 (1994)], March 1994, Australian Government Publishing Service, Canberra. This MSDS was correct at the time it was prepared (see below for date). The Supplier, as part of its Health and Safety Programme, updates MSDS's when its ongoing review process indicates a need for a change to be made.

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