

MATERIAL SAFETY DATA SHEET (MSDS)

1. Identification of the Substance and Company

Supplier	CNZ Insulation 49 Hammersmith Drive, Wigram Christchurch New Zealand 7676
	Phone: 021 902 412 Email: support@cnzinsulation.co.nz
Product Name	CNZ PIR Insulation Board
Product Use	CNZ PIR Insulation board for insulating roof, wall and floor.

2. Hazard Identification

Not Applicable

3. Composition

Core	Rigid, thermoset, fibre free PIR Insulation
Facings	Aluminium foil, Glass fabric

4. First Aid

Eye (Contact)	Irrigate thoroughly with clean cold water for at least 15 minutes. Check and remove and floating debris or contact lenses.
Skin (Contact)	Non-irritant, but in case of minor reaction, rinse with water.
Inhalation (Breathing)	Remove person from exposure if ill effects are experienced and move to fresh air.
Ingestion (Swallowing)	Non-hazardous material but rinse out mouth with water if required.

IN ALL CASES IF SYMPTOMS ARE SEVERE, PERSIST OR CAUSE CONCERN, OBTAIN IMMEDIATE MEDICAL ADVICE.

5. Fire Fighting Measures

The products are combustible, and some fumes and smoke may be present. In the event of a fire wear protective clothing. Extinguish fire with Foam, CO₂, Dry Powder and Water Spray (FOG). Do not use water jet.

6. Accidental Release Measures

If mechanically cutting or grinding the PIR foam, dust or particulate matter will be generated, which can be swept up and disposed of by wrapping in an appropriate container and then discarding to landfill in accordance with all regulations. Spilled dust may present a slipping hazard.

If fire conditions prevail and the PIR foam begins to burn ventilate area as toxic vapours are produced. Keep unnecessary people away. Isolate hazard and deny entry. Stay upwind. If possible wet area down to prevent high dust levels. Use dustless methods, including a HEPA filter and vacuum, and place into a suitably labelled and sealable container for later disposal. Do not dry sweep. Wear protective equipment as outlined in Section 8 of this Material Safety Data Sheet.

7. Storage and Handling

Store under cover away from sources of heat and ignition. Put on appropriate personal protective equipment (PPE) Product should be stored off the ground on a flat dry area protected from the weather.

8. Exposure Controls/Personal Protection

Respiratory	The use of a general dust mask is recommended when cutting boards.
Skin	The use of gloves is recommended against irritation or cutting hands on aluminium faced boards.
Eye	The use of light eye protection is advised against the ingress of dust when cutting boards. Additional protection may be required, then glasses with side shields should be used. When installing the product with foil faces, UV rated eye protection is recommended.

9. Physical and Chemical Properties

Not Applicable

10. Stability and Reactivity

Stable under normal conditions.

11. Toxicological Information

No hazard in the form supplied

12. Disposal Considerations

Waste insulation is non-hazardous. Dust created in the installation of the product is regarded as a nuisance only. Observe local and national safety and disposal precautions with wrapping and packaging. Clean and undamaged product can be re-used.

13. Ecological Information

The product is inert and stable in water and soil. The product can be re-used to extend its life cycle. Please dispose of waste materials responsibly, and in accordance with local and national laws and regulations.

14. Transport Information

Ensure correct loading and transportation of product. Cover load to protect during transportation and secure in place. Use mechanical lifting when moving bulk quantities.

15. Other Information

The information contained here is offered in good faith and is based on our current knowledge. We thereby withhold the right to update and amend this document as necessary. The information should not be taken as guarantee of specific performance and users should make their own assessment and make all applicable personnel aware accordingly. The wearing of appropriate safety equipment is strongly recommended as a precaution and the product should only be used in its design application.