

# PIR RIGID THERMAL INSULATION PANEL FOR BUILDING INSULATION

## SECTION 1. IDENTIFICATION

<b>Product Name:</b>	PIRMAX HR Panel
<b>Product Description:</b>	Modified PIR (Polyisocyanurate) rigid thermoset foam insulation
<b>Other Product Names:</b>	PIRMAX-HRP Panel PIRMAX HRFC-Panel PIR Panel Soffit Panel Insulation Commercial duct Insulation PIR Rigid Insulation

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<b>Manufacturer:</b>	PIRMAX Pty. Ltd.

## SECTION 2. HAZARDS IDENTIFICATION

<b>Hazard Statement:</b>	No known significant effects or critical hazards
<b>Other Hazards which do not result in classification:</b>	None known.

## SECTION 3. COMPOSITION OF PRODUCT

<b>Core:</b>	Thermoset Urethane PIR Insulation (PIR)
<b>Laminates and facings:</b>	Foil Embossed Silver Foil Embossed White Foil Embossed Black Gypsum Plasterboard Fibre Cement Board Fibre Glass Blanket

## SECTION 4. FIRST AID MEASURES

<b>Eye Contact:</b>	Immediately flush eyes with plenty of water, occasionally lifting upper and lower eye lids. Check for and remove any contact lenses. Seek medical attention if irritation occurs
<b>Inhalation:</b>	Remove affected person to fresh air and keep at rest in a comfortable position breathing position. Seek medical attention if symptoms occur
<b>Skin Condition:</b>	Non irritant
<b>Ingestion:</b>	Wash mouth out with water. Seek medical attention if symptoms occur. PIR is non-hazardous

## SECTION 5. FIRE FIGHTING MEASURES

<b>Flashpoint:</b>	Not Applicable
<b>Suitable extinguishing media:</b>	Use an extinguishing agent suitable for surrounding fire. Water- Spray (FOG), Foam, CO2, Dry Powder
<b>Specific hazards:</b>	No specific fire or explosive hazard
<b>Special protective actions and equipment for fire Fighters:</b>	Promptly isolate the scene by removing all persons from the vicinity

## SECTION 6. ACCIDENTAL RELEASE MEASURES

<b>Measures:</b>	N/A
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## SECTION 7. HANDLING AND STORAGE

<b>Protective Measures:</b>	Put on appropriate personal protective equipment (see section 8)
<b>Storage:</b>	Eating, drinking and smoking should be prohibited in areas where, this material is handled, stored and processed. Product should be stored off the ground on a flat dry area protected from the weather. When the product is handled (cutting) appropriate protective/equipment clothing should be worn. Material must also be stored/processed and transported away from direct/radiant heat and ignition hazards.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Hygiene measures:</b>	Wash hands, forearms and face thoroughly after handling. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
<b>Eye/face protection:</b>	Safety eyewear complying with an approved standard should be used when cutting the product. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with the side shield.
<b>Hand Protection:</b>	Gloves are recommended to be worn when handling the product, to prevent the edges from cutting the skin.
<b>Body Protection:</b>	Personal protective equipment for the body should be selected based on the task being performed, and the risk involved. This all approved by a specialist before handling this product.
<b>Other Skin Protection:</b>	Non irritant. Appropriate safety clothing and footwear should be worn and any additional skin protection measures when cutting the product.
<b>Respiratory Protection:</b>	Dust is non hazardous. When cutting plasterboard/PIR use properly fitted particle filter-masks all all times. When using machines to manipulate the product an extraction system is recommended.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Rigid Panel with: silver embossed foil, white embossed foil, black embossed foil, glass fabric, gypsum plasterboard and fibre cement board.
Colour:	Creamy white/pale yellow
Odor:	N/A
Odor threshold:	N/A
ph:	Neutral
Melting/Freezing Point:	N/A
Boiling Condensation Point:	N/A
Flash Point:	N/A
Evaporation Rate:	N/A
Density of Product:	34 kg
Solubility in Water:	N/A
Decomposition temperature:	N/A

## SECTION 10. STABILITY AND REACTIVITY

Reactivity:	No specific test data related to reactivity available for this product or its ingredients
Chemical Stability:	This product is stable
Possibility of Hazardous Reactions:	Under normal conditions of storage and use, hazardous reactions will not occur
Conditions to Avoid:	N/A
Incompatible Material:	N/A

## SECTION 11. TOXICOLOGICAL INFORMATION

General:	No known significant effects
Carcinogenicity:	No known significant effects
Toxicity:	Polyisocyanurate panel is non-toxic
Irritation:	Polyisocyanurate panel is non-irritant

## SECTION 12. ECOLOGICAL INFORMATION

Mobility in soil and water:	Product stays stable and dormant in water
Toxicity:	N/A

## SECTION 13. DISPOSAL CONSIDERATION

### Mobility in soil and water:

The generation of waste should be avoided or minimized where ever possible. Disposal of this product, should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via licensed disposal contractor. Waste packaging should be recycled. Incineration or landfill should only be considered of in a safe way. DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND LOCAL LAWS AND REGULATIONS.

## SECTION 14. TRANSPORT INFORMATION

### Transport:

When assessing for transport requirements please also refer to section 7 of this document. Person transporting product must ensure load is secure prior to and during transportation. When loading in large quantities proper loading equipment must be used

## SECTION 15. REGULATORY INFORMATION

N/A

## SECTION 16. OTHER INFORMATION

While the information and recommendations published in this document are to the best of our knowledge, of the information and belief accurate at the date of publication, NOTHING HERE IN IS TO BE CONSTRUED AS A WARRANTY EXPRESS OR OTHERWISE. In all cases it is the responsibility of the user to determine the applicability information recommendations provided and its suitability of any product for its own particular use/purpose

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