



MATERIAL SAFETY DATA

SHEET

Issued: October 2018 V.3

Modified Polyisocyanurate Rigid Thermal Insulation

SECTION 1. IDENTIFICATION

Product Name: Pirmax Rigid PIR Panel
Product Description: Rigid Polyisocyanurate Foam Insulation
Other product Names: PIR Rigid Insulation
PIR Panel
Soffit Panel Insulation
Commercial Duct Insulation

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SECTION 2. HAZARDS IDENTIFICATION

Hazard Statement: No known significant effects or critical hazards
**Other Hazards which do not
Result in classification:** None known.



SECTION 3. COMPOSITION OF PRODUCT

Core:	Thermoset Urethane PIR Insulation (PIR)
Laminates and facings:	Foil Embossed Silver
	Foil Embossed Black
	Foil Embossed White
	Fibre Glass Blanket
	Gypsum Plasterboard

SECTION 4. FIRST AID MEASURES

Eye Contact:	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
Inhalation:	Remove affected person to fresh air and keep at rest in a comfortable breathing position. Seek medical attention if symptoms occur.
Skin Contact:	Non Irritant
Ingestion:	Wash mouth out with water. Seek medical attention if symptoms occur. PIR is non-hazardous.



SECTION 5. FIRE FIGHTING MEASURES

Flashpoint:	Not Applicable
Suitable extinguishing media:	Use an extinguishing agent suitable for surrounding fire. Water-Spray (FOG), Foam, CO2, Dry Powder.
Specific hazards:	No specific fire or explosive hazard.
Special protective actions and equipment for fire fighters:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Fire-Fighters should wear appropriate protective equipment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Measures: N/A



SECTION 7. HANDLING AND STORAGE

Protective Measures:

Put on appropriate personal protective equipment (see Section 8).

Storage:

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 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

Hygiene measures:

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.

Eye/face protection:

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 side shield.

Hand Protection:

Gloves are recommended to be worn when handling the product, to prevent the edges from cutting the skin.



SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Body Protection:

Personal protective equipment for the body should be selected Based on the task being performed and the risk involved and should be approved by a specialist before handling this product.

Other Skin Protection:

Non irritant.

Appropriate safety clothing and footwear should be worn and any additional skin protection measures when cutting the product.

Respiratory protection:

Dust is non-hazardous.

When cutting Plasterboard/PIR use properly fitted, particulate Filter Masks must be worn. 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, black embossed foil, white embossed foil, glass fabric and gypsum plaster 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:	34kg
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:	The 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 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 CONSIDERATIONS

Disposal Methods:	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.
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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

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