

XTRATHERM® Product Health & Safety Information

RIGID POLYISOCYANURATE FOAM

SECTION 1: PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME: Rigid Polyisocyanurate Foam Insulation

SYNONYMS: PIR Foam

PRODUCT CODES: XT/UF = Underfloor,
XT/HYF = Hyfloor
XT/CW = Cavity Wall
XT/CWP = Cavity Wall Plus
XT/TF = Timber Frame
XT/TL = Thermal Liner
XT/PR = Pitched Roof,
XT/SK = Pitched Roof Sarking
XT/RLOC = Rafterloc,
XT/FR Alu = Flat roof M/F
XT/FR MG = Flat roof Adhered
XT/FR BG = Flat roof Bitumen
XT/FR TP = Flat Roof Thermal Ply

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SECTION 2: HAZARDS IDENTIFICATION

No identified hazards

SECTION 3: PRODUCT COMPOSITION

CORE: Rigid thermoset urethane insulation (PIR) ref EN 13165

PRODUCT FACINGS: Laminate of foil/paper
Kraft paper
Mineral coated glass
Bitumen coated glass
WBP exterior grade plywood
Gypsum plasterboard

SECTION 4: FIRST AID MEASURES

INHALATION: Dust is non-hazardous.
If dust is inhaled, remove to fresh air

EYES: Dust should be removed by flushing with water

SKIN: Non sensitizing.
When MG & BG are handled, some skin irritation may occur due to glass fibres
Ensure good hygiene is followed, after handling ensure skin is washed using soap/propitery cleanser

INGESTION: No information available

OTHER: Seek medical attention if discomfort persists

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SECTION 5: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Water-Spray (Fog), Foam, CO², Dry Power

FIRE AND EXPLOSION HAZARDS:

None Identified
Fire fighters should use SCBA gear.
Burning foam should be saturated with water.
Dust classification St Class 1 (weak explosion potential)

SECTION 6: ACCIDENTAL RELEASE MEASURES

Not Applicable

SECTION 7: HANDLING AND STORAGE

Products should be stored off the ground, on a clean, flat surface and under cover.
Products should be stored in a location free from ignition hazards and forms of direct radiant heat.
The polythene wrapping is not considered adequate protection for outdoor storage.
It is recommended that suitable PPE be used in the handling and cutting of these materials.
To reduce dust it is recommended to use a trimming knife rather than a saw when cutting boards.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Dust is non-hazardous.
Dust from plasterboard / plywood facings may cause respiratory irritation.
It is recommended that a dust mask is worn when cutting.
In confined areas it is recommended that extraction is used when mechanical cutting is being performed.

HANDS :

It is recommended that gloves are worn when handling product

EYE PROTECTION:

Eye protection is recommended during mechanical cutting.
In bright sunlight, it is recommended to wear UV glasses when installing Alu/MG products

SKIN PROTECTION:

Non sensitizing.
To reduce the risk of cut hazard from edges of board it is advisable to wear general purpose gloves.
In bright sunlight it is recommended to wear UV skin protection when installing Alu/MG products

OTHER:

This product is non-load bearing.
The facings on Alu faced products can be slippery underfoot when wet

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Cream/ Buff coloured foam with either: foil, mineral glass, bitumen, plasterboard, timber facings.

ODOUR:

Slight, non-offensive smell

pH :

Neutral

FLASH POINT:

Not Applicable

MELTING POINT:

Not Applicable

FREEZING POINT:

Not Applicable

PRODUCT DENSITY:

32kg/m³

SOLUBILITY IN WATER:

Not Soluble

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SECTION 10: STABILITY AND REACTIVITY

Product is stable and un-reactive under normal usage.

SECTION 11: TOXICOLOGICAL INFORMATION

Polyisocyanurate board is non-toxic and it a non irritant.

SECTION 12: ECOLOGICAL INFORMATION

Product is inert and stable in water and soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste is non hazardous
Waste product & packaging should be disposed of in accordance with local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

Read section 7 in conjunction with this section
Ensure load is secure before/during transit
Use mechanical lifting equipment when moving bulk quantities

SECTION 15: REGULATORY INFORMATION

Not Applicable

SECTION 16: OTHER INFORMATION

The information given in this sheet is based on our current knowledge of the product.
It is given in good faith and refers only to those products named in this document.
Xtratherm withold the right to update and amend this document as necessary
The information should not be taken as a gurantee of performance.
Users should conduct their own assessment and make applicable staff aware accordingly.
For further assistance contact XtrathermTechnical Department.