

Product Safety Information

ISSUE 5: OCTOBER 2016

These products are exempt from the requirements of Article 57 and 59(1) of REACH Regulation (EC) No 1907/2006. The information below follows the SDS format as described in Annex 2 of the Regulation.

SECTION 1. IDENTIFICATION OF PRODUCTS AND COMPANY

PRODUCTS:

EcoTherm Eco-Cavity	Eco-Protect
EcoTherm Eco-Cavity Full Fill	Eco-Protect Plus
EcoTherm Eco-Deck	EcoTherm Eco-Torch
EcoTherm Eco-Liner	EcoTherm Eco-UFH
EcoTherm Eco-Loft	EcoTherm Eco-Versal

COMPANY:

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SECTION 2. HAZARD IDENTIFICATION

Not applicable.

SECTION 3. COMPOSITION

CORE: Rigid thermoset polyurethane (PIR) insulation as defined in EN 13165.

ALTERNATIVE FACINGS: Multi composite foil/paper (Eco-Cavity, Eco-Deck, Eco-Liner, Eco-Loft, Eco-UFH, Eco-Versal).
Embossed aluminium foil (Eco-Protect).
Mineral coated glass fibre (Eco-Torch).
Bitumen coated glass fibre (Eco-Torch).
Interior grade chipboard (Eco-Loft).
WBP exterior grade OSB/plywood (Eco-Deck).
Gypsum plasterboard (Eco-Liner).
Calcium silicate building board (Eco-Protect Plus).

SECTION 4. FIRST-AID MEASURES

INHALATION:	Dust is non-hazardous. Remove the person to fresh air.
SKIN:	Non-sensitising. When facings containing glass fibres are handled, skin irritation may occur. Wash carefully using soap and water or proprietary cleanser to remove.
EYES:	Dust particles should be removed by flushing with clean water.
INGESTION:	No information available.
OTHER:	Seek medical attention if any discomfort persists.

SECTION 5. FIRE-FIGHTING MEASURES

It is prudent to take precautions against ignition, fire spread and smoke hazard.

SUITABLE MEDIA: Waterspray (fog), foam, CO₂ or dry chemical.

UN-SUITABLE MEDIA: Not applicable.

Fire-fighters should use self-contained breathing apparatus and saturate burning foam with water from a spray nozzle. Dust is classified as weakly explosive (St. Class 1).

SECTION 6. ACCIDENTAL RELEASE MEASURES

Not applicable.

SECTION 7. HANDLING AND STORAGE

Store in original packing, off the ground, on a clean, flat surface and undercover in a location free from any ignition hazard such as open flames, cutting and welding torches, high surface temperature electric heaters and other sources of direct radiant heat.

Ensure stability of stack and provide adequate aisle space for access between stacks.

The polythene wrapping is not considered adequate protection for outdoor storage.

It is recommended that suitable PPE to be used in the handling and cutting of the materials. To reduce dust it is recommended to use a knife rather than a saw when cutting boards.

The weight of boards varies between products. When lifting heavier boards additional lifting equipment may be required.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

INHALATION:	PIR dust is non-hazardous. Dust from timber, plasterboard and soffit board facings may cause respiratory irritation. As with all cutting procedures it is recommended that a dust mask be worn. Where dust is generated through mechanical cutting in confined spaces, it is recommended that extraction be used.
HANDS:	It is recommended that appropriate gloves be worn when handling products. It is recommended a glove with improved cut resistance is worn whilst handling EcoTherm Eco-Protect boards. Cut level 5 class of gloves offer improved cut resistance when compared to standard protective gloves.
EYES:	Eye protection is recommended during mechanical cutting. When installing a product with reflective foil facings in bright sunlight it is advisable to wear UV protective sunglasses.
SKIN:	Non-sensitising. It is recommended to wear appropriate gloves when handling products. When installing a product with reflective foil facings in sunny weather it is advisable to consider skin protection from UV.
OTHER:	The products are non-load bearing. Access and work should not be carried out on un-supported boards (Eco-Deck is load bearing in spanning applications when approved and fixed in accordance with manufacturers guidelines). The facings used on some EcoTherm products can be slippery underfoot when wet.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Yellow foam with composite foil, embossed aluminium foil, bitumen coated glass fibre, coated glass fibre, WBP exterior grade OSB/plywood, interior grade chipboard, gypsum plasterboard, calcium silicate building board, magnesium silicate building board, glass reinforced gypsum building board.
ODOUR:	Negligible.
pH:	Neutral.
MELTING POINT:	Not applicable.
FLASH POINT:	Not applicable.
FREEZING POINT:	Not applicable.
INSULATION DENSITY:	Typically 31 Kg/m ³ .
SOLUBILITY IN WATER:	Insoluble.
SOLUBILITY IN ORGANICS:	Some liquids might cause swelling.
OTHER DATA:	None.

SECTION 10. STABILITY AND REACTIVITY

Stable and un-reactive during normal use.

SECTION 11. TOXICOLOGICAL INFORMATION

No information available at this time.

SECTION 12. ECOLOGICAL INFORMATION

The products are inert and stable in water and soil.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste insulation is non-hazardous.
Product dust created in the installation process is regarded as nuisance dust only, because of its inert nature.
Observe usual safety precautions with polythene bags, wrapping and packaging.
Clean, undamaged product may be re-used. Insulation core waste is fully recyclable.
Waste product should be disposed of in accordance with the Waste Hierarchy – Reduce, Re-Use, Recycle.
Waste from plasterboard and building boards should be treated as construction waste and disposed of in accordance with local or national regulations - consult local authority.

SECTION 14. TRANSPORT INFORMATION

Read this section in conjunction with section 7.
Ensure security of load and where necessary sheeting / roping should be used.
It is recommended that mechanical lifting equipment is used when moving bulk quantities.

SECTION 15. REGULATORY INFORMATION

Not applicable.

SECTION 16. OTHER INFORMATION

The information contained herein is offered in good faith and 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.

Users should contact EcoTherm Insulation Technical Services Department for further assistance.

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