



**ENERTHERM PIR
ENERTHERM PIR TAPERED
MATERIAL SAFETY DATA SHEET**

COMPANY DETAILS

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| Company | Nuralite Waterproofing Ltd |
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IDENTIFICATION

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|---------------------|---|
| Supplier | IKO Insulation B.V., Tel: 0031 (0)168 331400 Wielewaalweg 3 Fax: 0031 (0)168 331409 4791 PD Klundert The Netherlands |
| Product Name | Enertherm Pir |
| Product Use | Roof insulation boards |

PHYSICAL DATA AND CHEMICAL PROPERTIES

The Supertherm range of insulation boards are suitable for use over most type of roof deck and with most forms of built-up roofing. Additional product information, including typical physical properties, is available in the product technical literature.

COMPOSITION/INFORMATION ON INGREDIENTS

IKO Enertherm and IKO Enertherm Tapered are rigid polyisocyanurate foam insulation boards faced on both sides with perforated glass tissue or alu kraft composites. All of the insulation boards are CFC/HCFC free.

The products contain, or are coated with, substances for which occupational exposure limits have been approved by the Health and Safety Commission. These limits are indicated in the table below.

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| SUBSTANCE | WORKPLACE EXPOSURE LIMITS |
| Glass Fibre ¹ | 8-hour TWA reference period i) 5mg/m ³ total inhalable dust ii) 2 fibres/ml |

FIRE & EXPLOSION HAZARD DATA

The products are combustible and release dense acrid fumes and smoke when they burn. In the event of a fire wear protective clothing. In confined areas wear self-contained breathing apparatus to prevent inhalation of toxic products of combustion. Extinguish fire with foam, dry powder or water spray. Do not use water jet.

ACCIDENTAL RELEASE MEASURES

Not applicable.

TOXICOLOGICAL INFORMATION

No known hazard

ECOLOGICAL INFORMATION

No data available.

REGULATORY INFORMATION

Not classified as dangerous for supply under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP 3).

REACTIVITY DATA

No known hazard.

HEALTH HAZARD DATA

The glass tissue facings on the underside of the rigid urethane boards may cause skin irritation with some sensitive individuals. In other respects the Supertherm range of insulation boards present no hazard to health in normal use.

EXPOSURE CONTROLS/PERSONAL PROTECTION

See Section 2 for Occupational Exposure Limits (OEL). The use of heavy duty gloves to protect against burns through contact with hot bitumen during installation and skin irritation through contact with glass fibre, is recommended. The use of barrier creams may be beneficial. Rinse hands under running water before washing with soap.

FIRST AID

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| Eye (Contact) | Irrigate thoroughly with clean cold water for at least 5 minutes whether affected by glass tissue fibre/dust splashes during installation. Immediate action of particular importance in latter case. |
| Skin (Contact) | In the event of skin irritation through contact with glass fibre, rinse well in running water. |
| Inhalation (Breathing) | Remove from exposure if any ill effects are experienced, rest and keep warm. No significant risk under normal conditions. |
| Ingestion (Swallowing) | No significant risk under normal working conditions. |

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

STORAGE & HANDLING

Store under cover away from sources of heat and ignition. Refer also to product technical literature for any specific conditions.

DISPOSAL CONSIDERATIONS

Dispose of waste material in accordance with national and local regulations

TRANSPORT INFORMATION

Not classified for Road, Rail, Sea or Air Transport.

OTHER INFORMATION

Revision Comments: This issue replaces RSDS 103, Revision Issue No.9 : January 2006.

Sections amended: 1, 2, 16.

For further information contact IKO Insulations B.V., Wielewaalweg 3, 4791 PD Klundert tel. 0031 168 331400 fax 0031 168 331409

In an emergency, telephone 111

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The information contained in this data sheet does not constitute an assessment of workplace risk as required by current legislation. Whilst every care is taken to see that the information is correct and up to date, it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded

