



## Wetherby Building Systems Ltd

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# HEALTH & SAFETY DATA SHEET

## Product Name

### WBS TW53 P.I.R. Insulation Boards

## Composition

- Two facing layers made up of glass tissue/polyethylene/glass tissue
- Rigid urethane core

## Hazardous Materials Classification

- Please take sensible precautions to avoid fire, ignition, fire spread and smoke hazard.
- In fire situations beware of low visibility due to soot and avoid smoke inhalation. Smoke contains carbon monoxide and other gases which may be injurious to health if inhaled.
- The reacted board core has no known toxic effects.
- It is recommended that personnel working with these products should wear gloves as man made fibres will cause skin irritation.
- Ensure high standards of personal hygiene and do not smoke, drink or consume food in when handling, installing or cutting this product.
- All work clothing should be changed regularly and laundered.

## First Aid

- **Skin contamination** will cause some irritation – Wash with clean water and soap.
- **Eye contamination** will cause irritation – Irrigate with clean running water. If irritation persists, seek medical advice.
- **Ingestion** may cause irritation to the mouth – Rinse mouth and seek medical advice. Do not induce vomiting.
- **Inhalation of dust** – Move to fresh air. Rinse mouth and seek medical advice.

## Fire Fighting Measures

Take all reasonable precautions to avoid fire, ignition and spread of fire and smoke.

At storage and installation sites, suitable extinguishing media should be made available. Use foam, Co<sub>2</sub>, or water spray fire extinguishers. Fire fighters should use breathing apparatus.

If 'hot work' using open flame or other ignition hazard must be carried out near exposed urethane insulants, the insulant should be cut back from the vicinity and

exposed insulant protected with heat resistant material.

A fire watch is desirable. Do not weld or flame cut metal which is in contact with rigid urethane. Observe at all times regulations relating to fire, statutory and building regulations.

## Accidental Release Measures

- There are no special recommendations or requirements to combat accidental release.

## Handling & Storage

- When handling this product due regard should be given to the risks outlined in 'Manual Handling Operations Regulations 1992'.
- Appropriate Personal Protective Equipment (PPE) should be worn whilst handling this product.
- The product should be stored in a dry area, preferably on pallets or similar off the ground. Direct exposure to sunlight for lengthy periods should be avoided.
- Do not stack more than 2.5 metres in height and ensure stacks are stable.

## Exposure Controls/Personal Protection

### **Respiratory Protection**

- Suitable respiratory protection should be worn when cutting the product, particularly if working areas are poorly ventilated.

### **Hand Protection**

- Gloves should be worn when handling the product.

### **Eye Protection**

- Use dust proof goggles when cutting the product.

## Stability & Reactivity

The product is stable under most normal storage conditions.

## Disposal Considerations

Disposal of the product should be in accordance with any national or regional regulations that may be in effect. Dispose of polythene packing at authorised sites only away from access by children. Accumulation of waste insulation should be avoided to prevent wind dispersal.

### **Transport Considerations**

There is no special classification for conveyance required for this product. It should be duly noted however that packs of this product can be bulky when loading and unloading and the use of mechanical lift equipment should be considered.

### **Regulatory Information**

Chemicals ('Hazard Information and Packaging for Supply') Regulations 2002.

### **Other Information**

Other sources of information and current legislation relating to the product can be found in:

- Health & Safety at Work Act 1974.
- Control of Substances Hazardous to Health (COSHH) Regulations (4<sup>th</sup> Edition) 2002.
- HSE guidance note EH40 (Occupational Exposure Limits). EH40 is published annually and the most recent issue should be used.
- Manual Handling Operations Regulations 1992.
- St. John or Red Cross manuals on first aid measures.

***Recipients of WBS products must take responsibility for existing laws and regulations and at all times operate within Health and Safety guidance on the use of these products.***

***The information provided within this data sheet is deemed to be accurate to the best of our knowledge and given in good faith.***