

## Product: Phenolic Insulation Health and Safety Data Sheet

Product Code: PH020-PH120

Issue Date: 28 November 2011

Authorised By:

Product Safety Data: EOI04/15

### HEALTH AND SAFETY DATA SHEET

#### REFERENCES

Consumer Protection Act 1987

Health & Safety at Work Act 1974

Control of Substances Hazardous to Health (COSHH) Regulations 1988

Environmental Protection Act 1991

#### USES

A multi purpose thermal insulation board for use in floors, walls and roofs where the board is incorporated within the construction. Also used in external wall insulation systems and insulated panels. The product is non-load bearing in spanning applications and must be treated as fragile. Do not allow access, store materials or work on spanning boards. Refer to manufacturer's installation instructions. Use in accordance with good practice, British Standards and the Building Regulations. If any other use is to be considered please contact Recticel Insulation Products.

#### COMPOSITION

**Facings :** Xtra/DL/L 1000 – Glass Tissue/Glass Tissue  
 Xtra/DL 2000 – Aluminium Foil/Glass Tissue  
**Core :** Rigid Phenolic Foam. Pink/Peach in colour  
**Density :** 40 – 60 kg/m<sup>2</sup>  
**Vapour Pressure :** Not applicable  
**Flash Point :** Not applicable

#### HEALTH HAZARDS

The composition of the product in normal use does not present a significant health hazard. The reacted foam core has no known toxic effects.

#### DUST HAZARDS

Dust generated is nuisance value only but may cause irritation of the eyes, nose and throat. If generating large quantities of dust or in confined spaces wear eye protection and dust masks. Dust particles in the eyes should be removed by flushing with clean water. Keep working area clean by vacuuming rather than blowing.

#### FIRE HAZARDS

Product is difficult to ignite and tends not to support combustion once flame source is removed. Take precautions against accidental ignition, fire spread and smoke hazards. Do not weld, flame cut metal or use naked flames in vicinity of products. In fire situations beware of low visibility due to dark smoke evolved. Products of combustion are those normally associated with organic hydrocarbon materials, predominantly carbon monoxide and carbon dioxide, and may be considered as toxic. If smoke or fumes are inhaled seek fresh air and see medical assistance immediately.

Suitable fire extinguishing equipment includes carbon dioxide, dry foam and water. Fire fighters should use breathing apparatus.



## STORAGE

Store in a well organised warehouse with good access to all stock. Do not stack more than 2.5m high. Avoid potential ignition sources such as high temperature heaters, open flames, cutting or welding torches. Product may be stored externally for short periods, but should be stored off the ground, protected with polythene sheet or a tarpaulin and adequately secured against wind uplift.

## TRANSPORT

No special provisions required. Ensure integrity of load by using fixed or curtain side vehicles, if this is not possible ensure that the load is adequately sheeted and roped. Mechanical handling equipment should be used for bulk handling, do not lift more than one pallet on a single pick-up.

## HANDLING

No special requirements but gloves should be worn when handling product. Product is easily cut and trimmed using a trimming knife and standard wood working tools. When working in elevated positions or in strong winds care should be taken as product is subject to high wind uplift. Avoid dust generation if secondary processing, wear a dust mask and eye protection if mechanical cutting. Large scale secondary processing may require the installation of a dust collection system.

It is recommended that sunglasses be worn in bright sunshine conditions when using foil faced boards.

## COSHH

Employers must ensure that there are measures in place to control or limit the exposure of employees to any substance hazardous to health. Occupational Exposure Standards (OESs) for nuisance dusts are detailed in Health & Safety Executive Guidance Note EH40

## DISPOSAL

Waste material may be disposed of in approved landfill or incineration facilities in accordance with Local Authority requirements and the Environmental Protection Act 1991. Dispose of waste regularly to avoid possible ignition or wind dispersal. Ensure polythene packaging is kept away from children.

