



Celotex

Health and Safety Information Sheet HS-o8

Celotex Thermal Insulation Boards

Identification of products and manufacturer

Celotex tuff-R™, Celotex T-Break™, Celotex Extra-R™, Celotex Fast-R™, Celotex Energy-Lok™, Celotex Tempchek™, Celotex Tempchek™ Deck, Celotex Energy-Ply™, Celotex Pi-R4™, Celotex double-R™ and Celotex Hydroform™.

Celotex Limited, Lady Lane Industrial Estate, Hadleigh, Suffolk IP7 6BA.

Composition/information on ingredients

Rigid polyisocyanurate or rigid polyisocyanurate-modified polyurethane foams, with aluminium foil or fibreglass reinforced composite facings. The foam may incorporate less than 5% long-strand glass fibre.

Blowing agents of zero Ozone Depletion Potential are used, **double-R** using hydrofluorocarbon, **tuff-R** using hydrocarbon.

Hazards Identification

Celotex tuff-R™, Celotex T-Break™, Celotex Extra-R™, Celotex Fast-R™, Celotex Energy-Lok™, Celotex Tempchek™, Celotex Tempchek™ Deck, Celotex Energy-Ply™, Celotex Pi-R4™, Celotex double-R™ and Celotex Hydroform™ are not classified under CHIP₃ regulations and are considered to be non-hazardous. However, glass fibre may cause skin irritation and dusts may cause respiratory irritation; inhalation and ingestion should be avoided. Edges of aluminium foil facings can be sharp enough to cut the skin. Product is not load bearing unless fully supported. The products should be handled and used in accordance with good occupational hygiene and safety practices.

First Aid Measures

Skin – Rinse hands under cold running water BEFORE washing with soap and water, to avoid rubbing glass fibres into the skin.

Eyes – If dust or particles have entered the eyes, irrigate thoroughly with emergency eyewash solution (or clean water). Seek medical advice should irritation persist.

Inhalation/Ingestion – If the dust causes irritation or coughing, remove the subject to fresh air, keep warm and at rest, carefully clear any excess dust from nasal passages and mouth, rinsing with clean water until clear.

In all cases, should exposure be excessive or symptoms begin to develop, seek medical attention.

Fire Fighting Measures

The products will burn if exposed to a fire of sufficient heat and intensity. As with all organic materials, toxic gases will be released during combustion. Do not incinerate waste. Do not inhale fumes. Fire fighters should attack the fire according to the combustible materials present, and use breathing apparatus. Cardboard and plastic packaging materials are combustible. Store away from all possible sources of ignition.

Accidental Release Measures

Material should be collected up and retained for disposal. Dust may be controlled with damp sand to reduce blow-away.

Handling Precautions & Personal Protection

Wear protective gloves to avoid cutting hands on sharp foil edges. When cutting **Celotex** product on site, use a sharp trimming knife rather than a saw to minimise dust. If skin is sensitive to fibre irritation, apply a barrier cream to exposed areas before handling the product. When sawing in an enclosed space dust extraction, eye protection and face masks must be provided.

Physical & Chemical Properties

Appearance – **Celotex** Thermal Insulation boards consist of a straw coloured fine cell foam (some products include encapsulated glass fibre) enclosed within facings.

Odour – virtually none. **Product density** – in the range 25 – 35 kilograms per cubic metre.

Stability & Reactivity

The fully reacted rigid foam core is chemically stable, but may be degraded by high temperature or the effect of solvents.

Toxicological Information

The fully reacted rigid foam core and blowing agent have no known toxic effects.

Ecological Information

The fully reacted rigid foam core and blowing agent have no known EcoToxic effects.

Disposal Considerations

Waste material and dust may be disposed of to landfill by a licensed contractor.

Transport Information

Lightweight, non-hazardous material.

Regulatory information

These products are NOT classified as dangerous for supply.

Statutory Instruments

Health and Safety at Work, etc. Act 1974; Consumer Protection Act 1987; Environment Protection Act, 1990; Control of Substances Hazardous to Health Regulations 2002; Waste Management – the Duty of Care, 1991; Personal Protective Equipment at Work Regulations, 1992.

Other Information

Intended Use: Thermal Insulation of Building Structures, as described in **Celotex** product literature.

COSHH – Under the COSHH Regulations 2002 it is the duty of employers to prevent or control the exposure of their employees to substances hazardous to health. Man-made mineral fibres (including glass fibres) are subject to a maximum exposure limit (MEL) as defined in HSE Guidance Note EH40.

If in doubt as to the suitability of this product for any manufacturing process or installation procedure please telephone **Celotex** for further recommendations

01473 822093.