

## HEXATHERM

August 15

### Section 1 - Chemical Product and company identification

Product Name -	HEXATHERM
Use -	Thermal Insulation
Company -	CELLECTA Limited, Norman Close, Medway Valley Park, Rochester, Kent, ME2 2JU

### Section 2 - Composition

Polystyrene  
Carbon dioxide (blowing agent)  
Isobutane (co-blowing agent)  
Flame retardant  
Solvent Dimethylether  
Talcum  
Colouring additive

### Section 3 - Hazards Identification

Appearance -	Multi cellular rigid foam board, yellow in colour
Odour -	None
Inhalation -	Dust produced by grinding, sawing or other treatments may cause irritation to upper respiratory tract and lungs.
Skin Contact -	No effects expected
Eye Contact -	Dust produced by grinding, sawing or other treatments may cause eye irritation
Ingestion -	May be harmful if swallowed. Consult a medical professional.

### Section 4 - First aid measures

Inhalation -	Remove the person to fresh air if effects occur, consult a medical professional.
Skin Contact -	Wash skin with plenty of water
Eye Contact -	Immediately flush eyes with plenty of water for at least 5 minutes. If irritation persists, consult a medical professional.
Ingestion -	Consult a medical professional. Do not give laxatives and don't induce vomiting.

### Section 5 - Fire fighting measures

Extinguishing Media -	Foam, Water, Carbon Dioxide (Co2) and dry powder.
Fire Fighting Instructions -	Extinguish the fire and apply a large volume of water directly on the flame of the burning surface. Soak thoroughly with water to cool and prevent re-ignition.
Advise for Firefighters -	Wear suitable breathing apparatus and protective fire fighting clothes as dense smoke will be generated

### Section 6 - Accidental Release Measures

Environmental Protection -	This product in solid form poses no risk.
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### Section 7 - Handling and Storage

Safe handling Advice -	No special precautions
Cutting -	Hand cutting tools should be used. When cutting, ensure adequate ventilation of workplace is available.
Max Storage Temp -	70°C
Storage Conditions -	Avoid heat, flames and other sources of ignition. Avoid prolonged exposure to sunlight. Flammable vapours may cumulate, storage areas should be ventilated.

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### Section 8 - Exposure Controls/Personal Protection

Respiratory equipment -	Wearing a disposable face mask is recommended to improve comfort.
Hand Protection -	No special precautions, however gloves may be worn for comfort.
Eye Protection -	Use goggles or safety glasses when exposed to dust, especially when cutting with a power tool.
Skin Protection -	N/A
Hygiene Measures -	After contact, wash hands with cold water and soap.

### Section 9 - Physical and Chemical Properties

Appearance -	Yellow Foam Board
Odour -	Odourless
Melting Point -	104°C
Ignition Point -	320°C
Density -	30-40kg/m <sup>3</sup>
Solubility -	Insoluble in water and generally chemically inert. Soluble in organic solvents.

### Section 10 - Stability and Reactivity

Reactivity -	None.
Chemical Stability -	Stable under normal temperature conditions and recommended use.
Hazardous decomposition Products -	Primary combustion product are Carbon monoxide, carbon dioxide and styrene.
Dangerous Reactions -	No dangerous reactions are known.
Conditions to avoid -	Very high temperatures, flames and strong oxidants

### Section 11 - Toxicological Information

Irritant Effect -	Extruded Polystyrene is non-toxic and not irritating to the skin or eyes in its solid form.
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### Section 12 - Ecological Information

Biodegradation -	There is a high probability that the product is not acutely harmful to aquatic organisms. Experience shows this product to be inert and non-degradable. However, this has not been tested and is based on experience of similar products.
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### Section 13 - Disposal Considerations

Disposal -	Recycle, reuse, or dispose according to local regulations.
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### Section 14 - Transport Information

This product is not classified as hazardous for land, maritime and air transport.

### Section 15 - Regulatory Information

This product is not classified as hazardous.

### Section 16 - Further Information

Supplementary information about this product can be supplied by Cellecta Ltd. The information given is correct to the best of our knowledge at the time of publication but without guarantee of accuracy. It does not represent a guarantee of the properties of the product. We do not accept any responsibility for damage and claims arising from handling, transport, storage or disposal of the product. This data sheet applies to the product named above. If the product is used as parts of other products, information in the safety data sheet may be invalidated. No warranty is hereby expressed or implied.