

#### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

<b>PRODUCT NAME:</b>	Hytherm Expanded Polystyrene Insulation boards
<b>SYNONYMS:</b>	EPS
<b>PRODUCT CODES:</b>	EPS/UF EPS/CW EPS/PR EPS/Hyloc Warm R-EPS/UF Warm-R EPS/CW Warm-R EPS/PR Warm-R EPS/Hyloc EPS/EWB/EPSP
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#### SECTION 2: HAZARDS IDENTIFICATION

No identified hazards

#### SECTION 3: PRODUCT COMPOSITION

<b>CORE:</b>	Expanded Polystyrene (EPS) ref EN 13163
<b>PRODUCT FACINGS:</b>	Gypsum plasterboard

#### SECTION 4: FIRST AID MEASURES

<b>INHALATION:</b>	Unlikely unless material is being machined. If dust is inhaled, remove to fresh air
<b>EYES:</b>	Dust should be removed by flushing with water
<b>SKIN:</b>	Not irritant
<b>INGESTION:</b>	No information available
<b>OTHER:</b>	Seek medical attention if discomfort persists

#### SECTION 5: FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:**

Water-Spray (Fog), Foam, CO<sub>2</sub>, Dry Power

**FIRE AND EXPLOSION HAZARDS:**

EPS is flammable; smoking should not be permitted in the areas where the product is being used. It should be stored away from any highly flammable material. Adequate fire extinguishers should be available in storage areas. As with all organic materials, gases will be released during combustion, do not incinerate waste, do not inhale fumes, fire fighters should use breathing apparatus.

#### SECTION 6: ACCIDENTAL RELEASE MEASURES

Material is solid and requires no precautions

#### SECTION 7: HANDLING AND STORAGE

Boards must be protected from prolonged exposure to sunlight and should be stored undercover. Care must be taken to avoid direct contact with solvents and with materials containing volatile organic components such as coal, tar and timber newly treated with creosote etc. The product must be not exposed to naked flame or other ignition sources.

#### SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Not Applicable

#### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:**

White/Grey solid foam

**ODOUR:**

Slight, non-offensive smell

**pH :**

Neutral

**FLASH POINT:**

350 ° C

**MELTING POINT:**

Not Applicable

**FREEZING POINT:**

Not Applicable

**PRODUCT DENSITY:**

14-32 kg/m<sup>3</sup>

**SOLUBILITY IN WATER:**

Not Soluble

#### SECTION 10: STABILITY AND REACTIVITY

Product is stable and un-reactive under normal usage.

#### SECTION 11: TOXICOLOGICAL INFORMATION

EPS is non-toxic and it is not an irritant.

#### SECTION 12: ECOLOGICAL INFORMATION

Non-biodegradable material, non toxic

**SECTION 13: DISPOSAL CONSIDERATIONS**

Material is recyclable, not classified as "Notifiable Waste"

**SECTION 14: TRANSPORT INFORMATION**

Not considered hazardous for the purpose of transportation

**SECTION 15: REGULATORY INFORMATION**

BS 3837, EC Lable name – Expanded polysterene

**SECTION 16: OTHER INFORMATION**

The information given in this sheet is based on our current knowledge of the product.  
It is given in good faith and refers only to those products named in this document.  
Xtratherm withhold the right to update and amend this document as necessary  
The information should not be taken as a guarantee of performance.

Users should conduct their own assessment and make applicable staff aware accordingly.  
For further assistance contact Xtratherm Technical Department.