

Product and Reference: **Standard Ca/Zn Foam Boards**  
Date of Issue: 8<sup>th</sup> Jan 2009: Issue 3

### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

Product Name: Standard Ca/Zn Foam Boards  
Intended Use: Timber replacement building product  
Name, Full Address: Kestrel-BCE Ltd, Billet Lane, Normanby Enterprise Park,  
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Lincolnshire. DN15 9YH  
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### 2. COMPOSITION / DATA ON COMPONENTS

Based on PVC (Polyvinyl chloride) resin with a variety of functional processing additives, using Ca/Zn stabilisers.

### 3. HAZARDOUS IDENTIFICATION

PVC-UE foam boards are non-harmful in the solid state. For high speed cutting or machining local exhaust ventilation, LEV is recommended to remove fumes and dust.

### 4. FIRST AID MEASURES

As a solid board the hazard designation is void. The first aid measures need to be taken when the product is a dust format only.

#### **Inhalation of product dusts:**

Remove to fresh air. Seek medical advice if symptoms persist.

#### **Eye contact to dusts:**

Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart. Seek medical advice if irritation persists.

#### **Skin contact to dusts:**

A possible risk of irritation to the skin. Remove heavily contaminated clothing, wash skin with soap and water and dry. Seek medical advice if irritation persists.

#### **Ingestion of dusts:**

Wash out mouth with water then drink plenty of water. Seek medical advice if irritation persists. Do NOT induce vomiting.

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## 5. FIRE FIGHTING MEASURES

### Extinguishing Media:

Recommended: alcohol-resistant foam, CO2 blanket, water spray/mist

Not to be used on PVC dusts: high-pressure inert gas, high-pressure water jets. Fire will produce dense black smoke containing hazardous products of combustion (see Section 10). Severe danger from hydrogen chloride released in any fire involving PVC. Fire fighters must wear acid resistant clothing and self-contained breathing apparatus. As soon as possible after fire, ventilate area thoroughly and wash down area and exposed steelwork to prevent corrosion from acid gases (hydrogen chloride)

## 6. ACCIDENTAL RELEASE MEASURES

Person-related safety precautions: Not required.

Dispose of dusts under duty care of licensed contractors.

Measures for cleaning/collecting: Collect mechanically.

## 7. HANDLING AND STORAGE

### Handling:

As a solid board the hazard designation is void. However, avoid the inhalation of dusts, if product is abraded, machined or polished. Local exhaust ventilation, LEV, is recommended to remove fumes and dust.

For personnel protection see Section 8.

Good housekeeping standards and regular safe removal of waste materials will minimise the risks of fire hazards.

The Manual Handling Operators Regulations may apply to the handling of this product. Refer to the guide weight indicated on the packaging when carrying out assessments.

### Storage:

Store between 5 and 25 °C in a dry, well-ventilated place away from sources of heat, ignition and direct sunlight.

The boards should be fully supported or have supports at Max. 1.0mtr centers.

No smoking.

Prevent unauthorised access.

## 8. EXPOSURE CONTROL / PERSONAL PROTECTION

### Engineering Measures:

If dusts are generated when using this product, avoid inhalation of dusts. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of dusts below the relevant occupational exposure limit, suitable respiratory protective equipment should be worn (see 'Personal Protection' below).

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**Work Place Exposure Limits (WEL) HSE EH40/2007**

Poly Vinyl Chloride:

- Inhalable dust 10mg/m<sup>3</sup>, 8 hour time weighted average (TWA)
- Respirable dust 4mg/m<sup>3</sup>, 8 hour time weighted average (TWA)

Hydrogen Chloride (Gas & aerosol mist):

- 1 ppm or 2mg/m<sup>3</sup>, 8 hour TWA
- 5 ppm or 8mg/m<sup>3</sup>, 15 minute reference period Risk phrases R23, 35

**Personal Protection:**

All PPE, including RPE, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations.

**Respiratory Protection:**

As a solid board, not applicable. Where prolonged exposure to dust is an issue and local exhaust ventilation is not sufficient use a dust mask with a P2 filter for breathing protection.

**Hand/Skin Protection:**

Not applicable.

**Eye Protection:**

Eye protection designed to protect against exposure to dusts should be worn when there is a likelihood of contact/exposure.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: Solid boards

Colour: Off-white

Smell: Odourless

Solubility in water: Insoluble

Melting Point: < 180 °C

Flash Point: Not applicable

Inflammable: Not inflammable

**10. STABILITY AND REACTIVITY**

Stable under normal heating conditions. In a fire, hazardous decomposition products such as smoke, carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), hydrogen chloride and oxides of nitrogen may be produced.

**11. TOXICOLOGICAL INFORMATION**

No available information on this product.

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**12. ECOLOGICAL INFORMATION**

There is no data available on the product itself. The inert product is not biodegradable.

**13. DISPOSAL CONSIDERATIONS**

Do not incinerate on site. If possible recycle; otherwise disposal should be in accordance with local, state or national legislation. Bury in an authorised landfill site or incinerate under approved controlled conditions.

**14. TRANSPORT**

Not classified as hazardous for transportation.

**15. REGULATORY INFORMATION****EEC Classification**

This PVC preparation has been classified under the Chemicals (Hazard Information and Packaging) regulations, CHIP 2 1995 and CHIP 96 (Amendment Regulations) 1996.

This PVC preparation does not normally present a danger to human health by inhalation, ingestion or contact with the skin in the form, which it is supplied. Such preparations do not require a label under regulations 9 of CHIP 2.

The information contained in this safety data sheet does not contribute to the user's own assessment of the workplace as required by other Health and Safety legislation. The provision of the Health and Safety at Work Act etc. and the Control Of Substances Hazardous to Health (COSHH) Regulations apply to use of this product at work.

**16. OTHER INFORMATION**

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular application.

**Contact:**

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