

# Gypframe metal products

## Safety data sheet

### Health & Safety

#### 1. Identification of the substances / preparation and company

##### Gypframe metal sections

Supplier British Gypsum  
East Leake  
Loughborough  
Leicestershire  
LE12 6HX

Telephone 08705 456123

**Recommended uses:** In conjunction with Gyproc plasterboards, Gyproc plasterboard laminates and British Gypsum Specialist board products, to form internal walls and ceiling systems, linings and encasements.

#### 2. Composition / information on ingredients

**General composition:** Mild steel sections coated by zinc electrolytic process or hot dip galvanised process. The sections may have a protective film of a roll forming hydrocarbon lubricant or a residue of cutting fluid.

#### 3. Hazards identification

THE MOST IMPORTANT HAZARDS ARE:

These products are **not** classified as dangerous according to CHIP. CHIP is the law that applies to suppliers of dangerous chemicals. Its purpose is to protect people and the environment from the effects of those chemicals by requiring suppliers to provide information about the dangers and to package them safely.

There is a risk of cuts and abrasions from sharp edges and ends when handling metal sections and in use where they have been fitted to floors or walls and are exposed, prior to fixing plasterboard.

There is also a risk when cutting the banding due to the release of tension and the potential movement of material. Repeated contact with sheet metal coatings may cause skin irritation. During flame cutting, grinding or drilling, irritant fumes or dust may be produced which can cause metal fume fever.

#### 4. First aid measures

**Eye contact** Wash eyes with clean water.

**Skin contact** Wash thoroughly with soap and water.

**Ingestion** Not applicable.

**Inhalation** If irritation persists, remove person to fresh air.

#### General

Get medical attention if any symptoms persist.

#### 5. Fire fighting measures

The products do not pose a fire hazard. However, the protective coating/lubricant, packaging banding or sponge rubber elements may be combustible and emit hazardous fumes.

Suitable extinguishing media – foam, carbon dioxide, dry powder.

#### 6. Accidental release measures

Product discarded in an unaltered form is classified as a non-hazardous waste.

#### 7. Handling and storage

**Mechanical handling** – The dimensions of the pallet vary depending upon the product size. To avoid potentially overloading a lift truck, it is important that any effect on load centres is considered. The nominal weight of each palletised load is given on the delivery note.

**Manual handling** – Metal sections are supplied in a variety of lengths and profiles and the weight of different sections varies. Do not use the banding or straps for lifting. Carefully consider the manual handling risks before lifting sections of metal. Appropriate cut-resistant PPE should be used when handling metal sections.

**Storage** – Store on pallets supplied and in dry conditions. To maintain stability, place pallets on firm level ground and ensure that stacks are both level and vertical. Stack height should not exceed twice the width of the pack. Banding should only be removed at ground level.

**Use** – Caution: as with all cut metal products, there is risk from sharp corners or edges. Appropriate cut-resistant PPE should be used when handling metal sections. Avoid prolonged and repeated contact with skin and wear protective clothing when handling metal sections (see Section 8).

When the banding is cut it may spring back as tension is released and the pack of material may become unstable. Appropriate PPE (including eye protection to *BS EN 166*) should be worn.

Metal sections which have been fixed to the floor or side wall, ready for plasterboard fixing, may have exposed sharp edges and care should be taken to protect persons from unintentional contact. Exposure to potentially sharp edges should be minimised.

Metal sections are not designed to support body weight; fixers must work from an independent support system.

## Health & Safety (continued)

### 8. Exposure control / personal protection

**Respiratory** Use in a well ventilated area. Wear approved respiratory equipment when flame cutting or grinding.

**Skin** Wear cut resistant gloves, suitable overalls and footwear when handling sections.

**Eye** If there is a risk of material entering the eye, wear eye protection to *BS EN 166*.

### 9. Physical and chemical properties

**Appearance** Metal sections in various lengths, thickness and formation.

**Odour** Paraffin/oil (protective coating).

### 10. Stability and reactivity

Stable under normal conditions but when subjected to high temperatures fumes are produced.

### 11. Toxicology information

**Inhalation** Dry grinding or machining may produce dust of the same composition as the coating and base metal. Flame cutting may produce fumes containing oxides of zinc and iron, and also breakdown products of protective coating. Potential effects on health include metal fume fever, a condition similar to influenza.

**Skin contact** Prolonged and repeated contact may cause irritation.

**Eye contact** None in normal use.

**Ingestion** Not applicable.

### 12. Ecological information

Stable product with no known adverse environmental effects.

### 13. Disposal consideration

Dispose at an authorised metal recycling facility in accordance with the Waste Management Licensing Regulations.

### 14. Transport information

Not classified as hazardous for transportation.

### 15. Regulatory information

Not classified under the CHIP regulations.

### 16. Other information

Control of Substances Hazardous to Health Regulations  
The Manual Handling Operations Regulations  
The British Gypsum website: [www.british-gypsum.com](http://www.british-gypsum.com)

#### Note to user:

This Safety Data Sheet does not constitute a workplace risk assessment for COSHH. A COSHH assessment is not required for this product.

Welding of Gypframe metal components is not recommended and will effect their structural performance.

There are a number of situations where the approach to manual handling of British Gypsum products should be considered. For further guidance, please refer to the Manual Handling Section of the SITE BOOK, available to download from [www.british-gypsum.com](http://www.british-gypsum.com)

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British Gypsum reserves the right to revise product specifications without notice. The information in this document was correct to the best of our knowledge at the time of publication. It is the user's responsibility to ensure that it remains current prior to use. The information in this document is for guidance only and should not be read in isolation. Users should read and familiarise themselves with all the information contained in this document and ensure that they are fully conversant with the products and systems being used, before subsequent specification or installation.

For a comprehensive and up-to-date library of information visit the British Gypsum website at: [www.british-gypsum.com](http://www.british-gypsum.com)

Telephone: 08705 456123

Fax: 08705 456356

E-mail: [bgtechnical.enquiries@bpb.com](mailto:bgtechnical.enquiries@bpb.com)

Training enquiries: 08702 406040



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