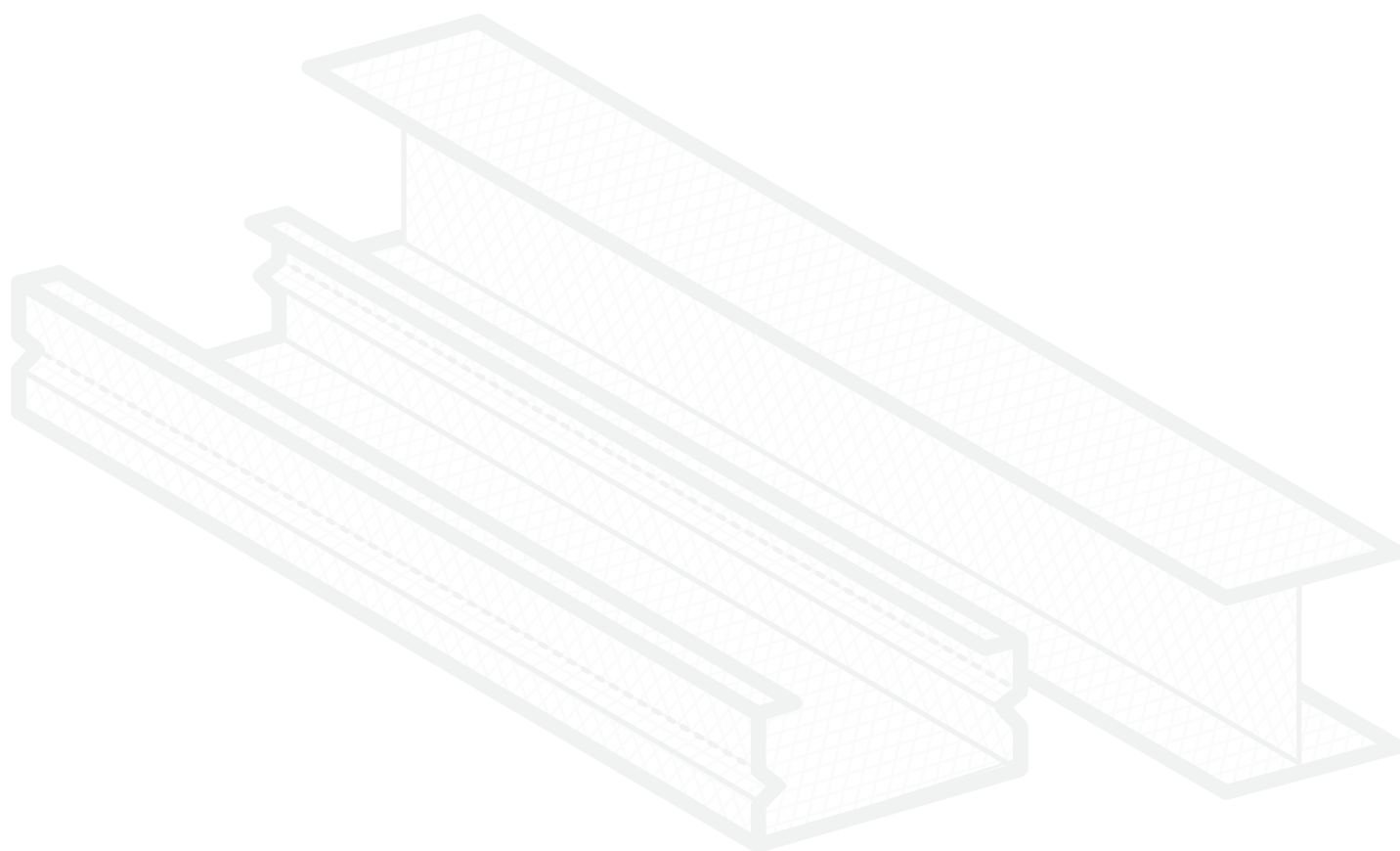
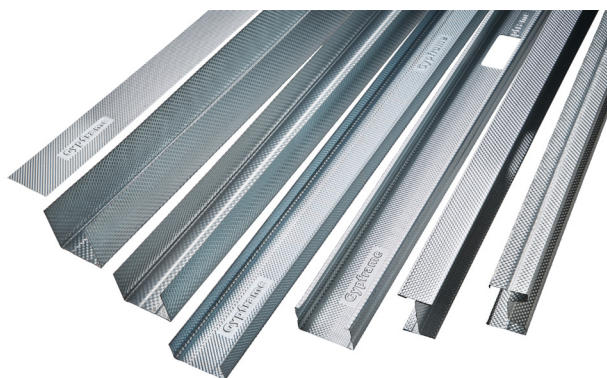


## Safety Data Sheet

Gypframe<sup>®</sup> metal products





## SAFETY DATA SHEET

### Gypframe metal products

According to Regulation (EC) No 1907/2006, Annex II, as amended. Commission Regulation (EU) No 2015/830 of 28 May 2015.

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name** Gypframe metal products

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Identified 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.

**Uses advised against** No specific uses advised against are identified.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** British Gypsum  
East Leake  
Loughborough  
Leicestershire  
LE12 6HX  
UK  
T: +44 (0) 115 945 6123  
E: bgtechnical.enquiries@bpb.com

##### 1.4. Emergency telephone number

**Emergency telephone** +44 (0) 115 945 6123  
8:30am - 5:00pm Monday - Friday (GMT)

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

###### Classification (EC 1272/2008)

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

**Human health** Sharp edges and corners may cause cuts and abrasions. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Harmful dust may be released during cutting or grinding process. Dust may irritate the eyes and the respiratory system. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

##### 2.2. Label elements

**Hazard statements** NC Not Classified

**Labelling notes** As supplied, this product does not meet the requirements for labelling.

##### 2.3. Other hazards

## Gypframe metal products

This product does not contain any substances classified as PBT or vPvB.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Composition comments** 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.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information** Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

**Inhalation** Due to the physical nature of this product, exposure by this route is unlikely. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Ingestion** Due to the physical nature of this product, it is unlikely that ingestion will occur. IF SWALLOWED: Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. Never give anything by mouth to an unconscious person. If in doubt, get medical attention promptly.

**Skin contact** Wash skin thoroughly with soap and water. If skin is punctured then treat as for a normal cut or wound. Apply pressure to stop bleeding and clean wound as necessary. Use appropriate dressing. If in doubt, get medical attention promptly.

**Eye contact** Due to the physical nature of this product, exposure by this route is unlikely. IF IN EYES: Remove any contact lenses and open eyelids wide apart. Rinse with water. Do not rub eye. If in doubt, get medical attention promptly.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

#### 4.2. Most important symptoms and effects, both acute and delayed

**General information** The product is considered to be a low hazard under normal conditions of use. See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

**Inhalation** No specific symptoms known. Due to the physical nature of this product, exposure by this route is unlikely. Harmful dust may be released during cutting or grinding process. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

**Ingestion** No specific symptoms known. May cause discomfort. Sharp edges and corners may cause cuts and abrasions.

**Skin contact** No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

**Eye contact** No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Harmful dust may be released during cutting or grinding process. Particles in the eyes may cause irritation and smarting.

#### 4.3. Indication of any immediate medical attention and special treatment needed

**Specific treatments** No special treatment required.

**Notes for the doctor** Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

## Gypframe metal products

**Suitable extinguishing media** Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

**Unsuitable extinguishing media** Do not use water jet as an extinguisher, as this will spread the fire.

### 5.2. Special hazards arising from the substance or mixture

**Specific hazards** None known.

**Hazardous combustion products** Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. Metal oxide(s).

### 5.3. Advice for firefighters

**Protective actions during firefighting** Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Sharp edges and corners may cause cuts and abrasions.

### 6.2. Environmental precautions

**Environmental precautions** The product is not expected to be hazardous to the environment. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Reuse or recycle products wherever possible. Collect spillage. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see Section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Do not handle until all safety precautions have been read and understood. Handle all packages and containers carefully to minimise spills. Sharp edges and corners may cause cuts and abrasions.

**Advice on general occupational hygiene** Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store away from incompatible materials (see Section 10). Store in accordance with local regulations.

## Gypframe metal products

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure controls/Personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

**Appropriate engineering controls** Provide adequate ventilation. Harmful dust may be released during cutting or grinding process. Use mechanical ventilation if there is a risk of handling causing formation of airborne dust. Observe any occupational exposure limits for the product or ingredients.

**Eye/face protection** Sharp edges and corners may cause cuts and abrasions. Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, dust-resistant, chemical splash goggles if airborne dust is generated.

**Hand protection** Sharp edges and corners may cause cuts and abrasions. Wear puncture-resistant protective gloves if handling sharp edges and corners.

**Other skin and body protection** Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

**Hygiene measures** Good personal hygiene procedures should be implemented. When using do not eat, drink or smoke.

**Respiratory protection** No specific requirements are anticipated under normal conditions of use. Harmful dust may be released during cutting or grinding process. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. Wear a suitable dust mask. Disposable filtering half mask respirators should comply with European Standard EN149 or EN405. Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.

**Environmental exposure controls** Not regarded as dangerous for the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

**Appearance** Metal length sections in various lengths, thicknesses and formation.

**Colour** Various colours.

**Odour** Odourless.

**Odour threshold** No information available.

**pH** Not relevant.

**Melting point** Not determined.

**Initial boiling point and range** Not relevant.

**Flash point** Not relevant.

**Evaporation rate** Not relevant.

## Gypframe metal products

|                                              |                                                             |
|----------------------------------------------|-------------------------------------------------------------|
| Evaporation factor                           | Not relevant.                                               |
| Flammability (solid, gas)                    | Not determined.                                             |
| Upper/lower flammability or explosive limits | Not determined.                                             |
| Other flammability                           | Not determined.                                             |
| Vapour pressure                              | Not relevant.                                               |
| Vapour density                               | Not relevant.                                               |
| Relative density                             | Not determined.                                             |
| Bulk density                                 | Not determined.                                             |
| Solubility(ies)                              | Not determined.                                             |
| Partition coefficient                        | Not determined.                                             |
| Auto-ignition temperature                    | Not determined.                                             |
| Decomposition Temperature                    | Not determined.                                             |
| Viscosity                                    | Not relevant.                                               |
| Explosive properties                         | Not considered to be explosive.                             |
| Oxidising properties                         | Does not meet the criteria for classification as oxidising. |

### 9.2. Other information

|                   |                          |
|-------------------|--------------------------|
| Other information | No information required. |
|-------------------|--------------------------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

|            |                                                                     |
|------------|---------------------------------------------------------------------|
| Reactivity | There are no known reactivity hazards associated with this product. |
|------------|---------------------------------------------------------------------|

### 10.2. Chemical stability

|           |                                                                                                                     |
|-----------|---------------------------------------------------------------------------------------------------------------------|
| Stability | Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions. |
|-----------|---------------------------------------------------------------------------------------------------------------------|

### 10.3. Possibility of hazardous reactions

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Possibility of hazardous reactions | No potentially hazardous reactions known. |
|------------------------------------|-------------------------------------------|

### 10.4. Conditions to avoid

|                     |                                                                                   |
|---------------------|-----------------------------------------------------------------------------------|
| Conditions to avoid | There are no known conditions that are likely to result in a hazardous situation. |
|---------------------|-----------------------------------------------------------------------------------|

### 10.5. Incompatible materials

|                    |                                       |
|--------------------|---------------------------------------|
| Materials to avoid | Avoid contact with acids and alkalis. |
|--------------------|---------------------------------------|

### 10.6. Hazardous decomposition products

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| Hazardous decomposition products | Does not decompose when used and stored as recommended. |
|----------------------------------|---------------------------------------------------------|

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                       |                                                            |
|-----------------------|------------------------------------------------------------|
| Toxicological effects | Not regarded as a health hazard under current legislation. |
|-----------------------|------------------------------------------------------------|

## Gypframe metal products

### Acute toxicity - oral

**Summary** Based on available data the classification criteria are not met.

### Acute toxicity - dermal

**Summary** Based on available data the classification criteria are not met.

### Acute toxicity - inhalation

**Summary** Based on available data the classification criteria are not met.

### Skin corrosion/irritation

**Summary** Based on available data the classification criteria are not met.

### Serious eye damage/irritation

**Summary** Based on available data the classification criteria are not met.

### Respiratory sensitisation

**Summary** Based on available data the classification criteria are not met.

### Skin sensitisation

**Summary** Based on available data the classification criteria are not met.

### Germ cell mutagenicity

**Summary** Based on available data the classification criteria are not met.

### Carcinogenicity

**Summary** Based on available data the classification criteria are not met.

### Reproductive toxicity

**Summary** Based on available data the classification criteria are not met.

### Specific target organ toxicity - single exposure

**Summary** Based on available data the classification criteria are not met.

### Specific target organ toxicity - repeated exposure

**Summary** Based on available data the classification criteria are not met.

### Aspiration hazard

**Summary** Not relevant. Solid.

### **General information**

The product is considered to be a low hazard under normal conditions of use. No specific health hazards known.

### **Inhalation**

No specific symptoms known. Harmful dust may be released during cutting or grinding process. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

### **Ingestion**

No specific symptoms known. May cause discomfort. Sharp edges and corners may cause cuts and abrasions.

### **Skin contact**

No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

### **Eye contact**

No specific symptoms known. Sharp edges and corners may cause cuts and abrasions. Harmful dust may be released during cutting or grinding process. Particles in the eyes may cause irritation and smarting.

### **Route of exposure**

Dermal Inhalation Harmful dust may be released during cutting or grinding process.

### **Target organs**

No specific target organs known.

## Gypframe metal products

### SECTION 12: Ecological information

**Ecotoxicity** Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

#### 12.1. Toxicity

**Toxicity** The product is not believed to present a hazard due to its physical nature.

#### Acute aquatic toxicity

**Summary** Based on available data the classification criteria are not met.

#### Chronic aquatic toxicity

**Summary** Based on available data the classification criteria are not met.

#### 12.2. Persistence and degradability

**Persistence and degradability** Not readily biodegradable.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential** No data available on bioaccumulation.

**Partition coefficient** Not determined.

#### 12.4. Mobility in soil

**Mobility** No data available.

#### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB.

#### 12.6. Other adverse effects

**Other adverse effects** None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**General information** The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements.

**Disposal methods** Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

### SECTION 14: Transport information

**General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

## Gypframe metal products

### 14.3. Transport hazard class(es)

No transport warning sign required.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78  
and the IBC Code

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

|                       |                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EU legislation</b> | Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).<br>Commission Regulation (EU) No 2015/830 of 28 May 2015. |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

## SECTION 16: Other information

|                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Abbreviations and acronyms used in the safety data sheet</b> | ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.<br>ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.<br>RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.<br>IATA: International Air Transport Association.<br>ICAO: Technical Instructions for the Safe Transport of Dangerous Goods by Air.<br>IMDG: International Maritime Dangerous Goods.<br>CAS: Chemical Abstracts Service.<br>PBT: Persistent, Bioaccumulative and Toxic substance.<br>vPvB: Very Persistent and Very Bioaccumulative. |
|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                            |                                                                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General information</b> | This SDS is not mandated under REACH Regulation (EC) No 1907/2006 and is provided for information only. As supplied, this product does not meet the requirements for labelling. |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                        |                                                                                                  |
|------------------------|--------------------------------------------------------------------------------------------------|
| <b>Training advice</b> | Read and follow manufacturer's recommendations. Only trained personnel should use this material. |
|------------------------|--------------------------------------------------------------------------------------------------|

|                      |            |
|----------------------|------------|
| <b>Document code</b> | BG-SDS-200 |
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|                          |                          |
|--------------------------|--------------------------|
| <b>Revision comments</b> | This is the first issue. |
|--------------------------|--------------------------|

|                      |            |
|----------------------|------------|
| <b>Revision date</b> | 10/12/2019 |
|----------------------|------------|

|                 |    |
|-----------------|----|
| <b>Revision</b> | 01 |
|-----------------|----|

## **Gypframe metal products**

**SDS number** 9038

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