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

1.1. Product identifier

Product name

British Gypsum Fixings

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

Identified uses

Fasteners for gypsum plasterboard systems.

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

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 that are coated by zinc electroplating process or zinc-aluminium coating or coated by insertion in a solution containing phosphoric acid.

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

**Notes for the doctor**
Treat symptomatically.

**Specific treatments**
No special treatment required.

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

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.

Storage class
Unspecified storage.

7.3. Specific end use(s)
British Gypsum Fixings

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

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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.

Acute toxicity - oral

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

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**SECTION 12: Ecological Information**
British Gypsum Fixings

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.

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 Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

SECTION 15: Regulatory information

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

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.
RID: European Agreement concerning the International Carriage of Dangerous Goods by Rail.
IATA: International Air Transport Association.
IMDG: International Maritime Dangerous Goods.
CAS: Chemical Abstracts Service.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

General information
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.

Training advice
Read and follow manufacturer's recommendations. Only trained personnel should use this material.

Document code
BG-SDS-212

Revision comments
This is the first issue.

Revision date
10/12/2019

Revision
01

SDS number
9036
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