Thistle BoardFinish
Safety Data Sheet

Health & Safety

1. Identification of the substances / preparation and company

1.1 Product Identifier
Thistle BoardFinish

1.2. Relevant identified uses of the substance or preparation and uses advised against
Gypsum building plaster used to provide a smooth, flat surface to internal walls and ceilings. This information reflects typical values and is not a product specification.

1.3 Details of the supplier of the safety data sheet
Supplier
British Gypsum
East Leake
Loughborough
Leicestershire
LE12 6HX
Telephone 0844 800 1991
Email bgtechnical.enquiries@bpb.com

2. Hazards identification

2.1 Classification of the substance or preparation
This product is not classified as dangerous according to EC regulation 1272/2008 and its amendments. Plaster may form an alkaline solution on contact with body moistures or when mixed with water.

Dust from mixing or sanding may irritate the respiratory system, skin and eyes.

Hazard Statements:
H302 - Harmful if swallowed
H319 - Causes serious eye irritation
H332 - Harmful if inhaled
H335 - May cause respiratory irritation
EUH066 - Repeated exposure may cause skin dryness or cracking

Precautionary Statements:

3. Composition / information on ingredients

General composition: Calcium sulphate hemihydrate. Natural constituents may include clay, limestone and minor amounts of quartz. Additives may include minor amounts (less than 1%) of hydrated lime.

4. First aid measures

4.1 Description of first aid measures
Eye contact
P305 + P313 - If in eyes, get medical advice
P337 + P351 - If eye irritation persists, rinse cautiously with water for several minutes.

Skin contact
P264 - Wash hands thoroughly after handling.

Ingestion
P301 + P330 - If swallowed, rinse mouth.

Inhalation
P261 - Avoid breathing dust
P304 + P340 - If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a doctor, if you feel unwell.

General
Get medical attention if any symptoms persist.

5. Fire fighting measures
The product does not pose a fire hazard. However, some packaging materials may burn.

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

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Avoid creating dust - see Section 8 for recommended personal protective equipment.

Plaster can be mixed with water. Avoid eye contact or prolonged, repeated contact with skin - see Section 2 for hazards identification.

Prevent plasters from contaminating drains.

7. Handling and storage

7.1 Precautions for safe handling
Use – Minimise dust generation when opening bags, mixing or sanding plasters in poorly ventilated places. Avoid eye contact or prolonged or repeated contact with skin – see Section 8 for recommended personal protective equipment, and Section 3 for hazards identification.

P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when handling this product
P271 - Use only outdoors or in a well ventilated area

Manual handling – Supplied in approximately 25kg bags – use an appropriate lifting technique.

Thistle BoardFinish weights:

<table>
<thead>
<tr>
<th>Bag weight</th>
<th>Bags per pallet</th>
<th>Pallet weight kg</th>
<th>Pallet weight tonnes</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>56</td>
<td>1400</td>
<td>1.4</td>
</tr>
</tbody>
</table>

NB All weights are approximate

Mechanical handling – 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 within the weights table in this section of this document.

Storage – Store in dry conditions. All powdered products can settle in transport. To maintain stability, place pallets on firm level ground, and ensure that stacks are both level and vertical. Do not stack more than one lift high.

P403 + P233 - Store in a well ventilated place. Keep container tightly closed
P405 - Store locked up
Health & Safety (continued)

8. Exposure control / personal protection

8.1 Workplace exposure limit

<table>
<thead>
<tr>
<th>Substance</th>
<th>Total Inhalable</th>
<th>Respirable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Sulphate Hemihydrate</td>
<td>10mg/m³ 8hr TWA</td>
<td>4mg/m³ 8hr TWA</td>
</tr>
<tr>
<td>Hydrated Lime</td>
<td>5mg/m³ 8hr TWA</td>
<td>-</td>
</tr>
<tr>
<td>Quartz (silica)</td>
<td>-</td>
<td>0.1mg/m³ 8hr TWA</td>
</tr>
</tbody>
</table>

8.2 Exposure controls
Ensure adequate general ventilation of work areas to keep dust levels as low as possible. Do not eat, drink or smoke during use. Use personal protective equipment that is clean and has been properly maintained – store in a clean place away from the work area.

Personal protection

Eye / face protection - Avoid contact with eyes. Wear Eye protection to EN166 standard Category 5-K.

Hand protection - Wear suitable protective gloves to prevent prolonged or repeated skin contact. Recommended properties – impervious gloves to EN374 standard.

Body protection - Work clothing worn by personnel should be laundered regularly.


9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Dry powder.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour</td>
<td>Odourless.</td>
</tr>
<tr>
<td>pH</td>
<td>As wet plaster mix-neutral 7 to alkaline 13.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

10.1 Reactivity
No data available.

10.2 Chemical stability
This preparation is stable under the recommended handling and storage conditions in section 7.

10.3 Possibility of hazardous reactions
None under normal conditions of use.

10.4 Conditions to avoid
Avoid dust formation.

10.5 Incompatible materials
No specific restrictions regarding incompatible materials.

10.6 Hazardous decomposition products
No data available.

11. Toxicology information

Inhalation  - Plaster dust may irritate the respiratory system. No known long term effects.

Skin contact - Wet plaster may form an alkaline solution and irritate the skin. Dry powder can cause irritation.

Eye contact - Wet plaster may form an alkaline solution and cause eye irritation. Dry powder can cause irritation.

Ingestion - Small quantities of plaster should not cause any significant reaction or long term effect.

12. Ecological information
Slightly soluble in water, forms a suspension and solidifies.

13. Disposal consideration

13.1 Waste treatment methods
Do not pour into drains or waterways.

Wastes from gypsum products are normally classified as ‘non-hazardous’ but should not be co-disposed with municipal waste.

P501 - Dispose of contents of containers at an authorised landfill site in accordance with the Waste Management Licensing Regulations. (See Section 16 Other Information).

14. Transport information
Not classified as hazardous for transportation.

15. Regulatory information
Not classified as dangerous according to EC regulation 1272/2008 and its amendments.

16. Other information

H302 - Harmful if swallowed
H319 - Causes serious eye irritation
H332 - Harmful if Inhaled
H335 - May cause respiratory irritation
EUH066 - Repeated exposure may cause skin dryness or cracking.

Control of Substances Hazardous to Health Regulations
The Manual Handling Operations Regulations
HSE Guidance Note EH40: Workplace Exposure Limits
Gypsum Wastes – Environment Agency Information Sheet
The British Gypsum White Book
The British Gypsum Site Book
The British Gypsum website: www.british-gypsum.com

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Substance Total inhalable Respirable
Calcium Sulphate Hemihydrate 10mg/m³ 8hr TWA 4mg/m³ 8hr TWA
Hydrated Lime 5mg/m³ 8hr TWA -
Quartz (silica) - 0.1mg/m³ 8hr TWA
Note to user: This Safety Data Sheet does not constitute a workplace risk assessment for COSHH.

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.

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