



Thistle Bonding Coat

Safety Data Sheet

Health & Safety

1. Identification of the substances / preparation and company

Thistle Bonding Coat

Supplier British Gypsum
East Leake
Loughborough
Leicestershire
LE12 6HX
Telephone 0844 800 1991
Email bgtechnical.enquiries@bpb.com

Recommended uses: 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.

2. Hazards identification

THE MOST IMPORTANT HAZARDS ARE:

This product is **not** classified as dangerous according to CHIP.

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.

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 4%) of hydrated lime.

Risk phrases: R20, R22, R36, R37, R66

Safety phrases: S2, S18, S26, S28, S29, S38, S51, S62, S63

4. First aid measures

Eye contact S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin contact S28 - After contact with skin, wash immediately with plenty of soap and water.

Ingestion S62 - If swallowed, do not induce vomiting, seek medical advice immediately and show this document.

Inhalation S63 - In case of accident by inhalation, remove casualty to fresh air and keep at rest.

General

Get medical attention if any symptoms persist.

5. Fire fighting measures

This 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

Avoid creating dust – see Section 8 Exposure control/ personal protection for recommended personal protective equipment.

Plaster can be mixed with water, avoid eye contact or prolonged, repeated contact with skin – see Section 3 Hazards identification.

Prevent bodies of water from contamination, do not flush down sewer or drainage systems, unless system is designed and permitted to handle such material.

7. Handling and storage

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 Exposure control/ personal protection and Section 3 Hazards identification.

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

Mechanical handling – In order to maintain the stability of the palletised load, it is important that the lift truck fork length and centres are set to correctly support the load.

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

8. Exposure control / personal protection

Workplace Exposure Limit

Substance	Total inhalable	Respirable
Calcium Sulphate Hemihydrate	10mg/m ³ 8hr TWA	4mg/m ³ 8hr TWA
Hydrated Lime	5mg/m ³ 8hr TWA	–
Quartz (silica)	–	0.1mg/m ³ 8hr TWA

Personal protection

- Safety** S2 - Keep out of the reach of children.
- Handling** S18 - Handle and open container with care.
- Disposal** S29 - Do not empty into drains.
- Respiratory** S51 - Use only in well-ventilated areas.
S38 - In case of insufficient ventilation wear suitable respiratory equipment.

9. Physical and chemical properties

- Appearance** Dry powder.
- Odour** Odourless.
- pH** As wet plaster mix - neutral 7 to alkaline 13.

10. Stability and reactivity

No special physical conditions need to be avoided. No specific restrictions regarding incompatible materials.

11. Toxicology information

- Inhalation** Plaster dust may irritate the respirable 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 irritate the eye. Dry powder can cause irritation.
- Ingestion** Small quantities of plaster should not cause any significant reaction or long term effect.

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12. Ecological information

Slightly soluble in water, forms a suspension and solidifies.

13. Disposal consideration

Waste from gypsum plasterboard products is normally classified as 'non-hazardous, non-inert', is fully recyclable and is classified as EWC 17 08 02. Please refer to the British Gypsum Plasterboard Recycling Service literature or contact the Plasterboard Recycling Customer Service Centre on 0800 6335040 for details. Other methods of disposal are available. Always seek the advice of a trained and competent professional.

14. Transport information

Not classified as hazardous for transportation.

15. Regulatory information

Not classified under the CHIP regulations.

16. Other information

- Risks** R20 - Harmful by inhalation.
R22 - Harmful if swallowed.
R36 - Irritating to eyes.
R37 - Irritating to respiratory system.
R66 - 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
Plasterboard Recycling Scheme: www.british-gypsum.com/PRS

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 or the Manual Handling Guide, available to download from www.british-gypsum.com.

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