

Thistle ToughCoat

Safety Data Sheet

Health & Safety

1. Identification of the substances / preparation and company

1.1 Product Identifier

Thistle ToughCoat

1.2 Relevant identified uses of the substances or preparation and uses advised against

Thistle ToughCoat is a lightweight gypsum-based building plaster designed for undercoat plastering onto most masonry backgrounds. These include:

- Aircrete blocks (including after control of their suction using Thistle Gyprime if necessary);
- Common bricks;
- Medium-density concrete blocks;
- Dense concrete blocks (except if smooth and low-suction).
- It is not designed for use over other bonding agents e.g. ThistleBond-it or plastering PVA's.
- It may be applied by hand or projection machine.

This information reflects typical values and is not a product specification.

1.3 Details of the supplier of the 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

Category 1



Signal Word: DANGER

THE MOST IMPORTANT HAZARDS ARE:

Causes serious eye damage

This product is classified 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

H318 - Causes serious damage to eyes

H332 - Harmful if inhaled

H335 - May cause respiratory irritation

Precautionary Statements: P261, P271, P304 + P340, P312, P301 + P330, P305 + P313, P337 + P351, P264, P405, P403 + P233, P270, P280, P285, P501

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 3%) of cement, hydrated lime and polymeric binders.

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.

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 2 for hazards identification.

It is advisable to have eye-wash available.

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

Ensure good housekeeping practices are followed. Shower and change clothes at the end of work. Do not wear contaminated clothing at home.

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

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Thistle ToughCoat weights:

Bag weight kg	Bags per pallet No.	Pallet weight kg	Pallet weight tonnes
25	40	1000	1.0

(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. Contact with air and moisture should be avoided. 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

8. Exposure control / personal protection

8.1 Workplace Exposure Limits

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
Ordinary Portland Cement	10mg/m ³ 8hr TWA	4mg/m ³ 8hr TWA

8.2 Exposure controls

Appropriate engineering controls:

Measures to reduce dust generation and to avoid dust propagating in the environment e.g. regular housekeeping, exhaust ventilation and dry clean-up methods which do not cause airborne dispersion.

Personal protection

P280 - Wear protective gloves to EN374 standard. Wear Protective clothing. Wear Eye protection to EN166 standard Category 5-K.

P285 - In case of inadequate ventilation, wear respiratory protection EN149:2001 – minimum recommended FFP2.

9. Physical and chemical properties

9.1 Information on physical and chemical properties

Appearance Dry powder.

Odour Slight musty odour.

pH As wet plaster mix - alkaline 13.

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 irritate the eye. 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

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

This product is classified under the EC regulation 1272/2008 and its amendments.

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16. Other information

H302 - Harmful if swallowed

H318 - Causes serious eye damage

H332 - Harmful if inhaled

H335 - May cause respiratory irritation.

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

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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British Gypsum reserves the right to revise product specification without notice. The information herein should not be read in isolation as it is meant only as guidance for the user, who should always ensure that they are fully conversant with the products and systems being used and their subsequent installation prior to the commencement of work. For a comprehensive and up-to-date library of information visit the British Gypsum website at: british-gypsum.com. For information about products supplied by Artex Limited or Saint-Gobain Isover please see their respective websites.

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