

MATERIAL SAFETY DATA SHEET

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COMPANY DETAILS

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1. Product Identification

Gypsum plaster boards made of solid gypsum core covered by paper sheets. The colour of the paper may vary depending on board's usage. Off-white for regular boards, green for water resistant boards and pink for fire resistant boards. The board's core is generally white. Plaster board is odourless. Plaster board is not combustible or explosive.

Chemical Family	Calcium sulphate hemi hydrate
Chemical Name	Gypsum
Synonyms	Gypsum Plaster

2. Composition

Composition is formulated from calcium sulphate hemi hydrate and other minor ingredients. The health and safety risks of the ingredients have been identified by the various suppliers to Tambour Gypsum and have all been accepted as safe within the confines of use. The minor ingredients referred to are at concentrations less than 1 % (m/m). The gypsum used by Tambour is Natural gypsum. When mixed with water it may give off a slight alkaline odour.

3. Hazard Identification

These products are not classified as dangerous. Dust from handling may irritate the respiratory system, skin and eyes.

Flammability	Non
Chemical hazard	Non
Biological hazard	Non
Reproduction hazard	Non
Carcinogenicity	Non
Mutagenicity	Non
Neurotoxicity	Non
Eye effects	May cause irritation
Skin effects	May cause dry skin, discomfort and irritation
Inhalation effects	May cause nose and throat irritation depending on the degree of exposure.

4. First aid measures

Eye	Rinse eye with clean water for about 10 minutes or until irritation ceases. Seek medical advice.
Skin	Wash gently with water and a pH neutral soap or a mild detergent. Seek medical attention for rash or irritation.
Inhalation	Move person to fresh air. Seek medical attention for discomfort or if coughing or other symptoms do not subside.
Ingestion	Do not induce vomiting. Give person plenty of water to drink. Seek medical attention.

5. Fire Fighting Measures

These products are not flammable and will not facilitate combustion of other materials. No hazardous combustion products are generated. Non – combustible core.

Flashpoint	Non - combustible
General hazard	Avoid breathing dust
Extinguishing media	Use extinguishing media appropriate for surrounding fire.
Combustion products	None
Fire fighting equipment	Gypsum boards pose no fire related hazard.

6. Accidental Release Measures

Avoid contact with skin, eyes and clothing. Wear appropriate protective equipment. Avoid inhalation of dust. Prevent contamination of surface water. Do not allow into watercourses and drains. Recover spillages in dry state if possible. Dispose broken material into a container.

7. Handling And Storage

Minimize dust generation and accumulation. Use good safety and hygiene practices.

Follow building practices such as management of water away from the interior of the structure to avoid the growth of mold and fungus.

When moving boards with a forklift or similar equipment, it is essential that the equipment be deemed capable of handling the loads. The forks should always be long enough to extend completely through the width of the load.

Gypsum boards are heavy and poses risks to the back, arms, shoulders and legs during lifting.

Handle with care and use appropriate control measures.

Cutting, crushing or sanding boards will release dust. Use all appropriate measures for dust control and wear personal protective equipment.

Store in a dry and ventilated area, away from sources of moisture. Protect product from physical damage.

8. Exposure Controls And Personal Protection

Use local exhaust or general ventilation methods to maintain dust levels below exposure limits.

Section 8 (continued)

Eye	Wherever there is a risk of product dust or particles when handling gypsum boards, suitable protection goggles should be worn.
Skin	Wear suitable gloves. Wear closed footwear. Remove clothing and protective equipment that becomes dusty and launder before reusing.
Inhalation	Under ordinary condition, if care is taken not to raise dust during handling, no respiratory protection is necessary. When exposed to dust above exposure limits wear a particulate respirator mask.

9. Physical And Chemical Properties

Appearance	Variety of paper colours, with white core.
Physical state	Solid
Odour	None
pH (in water)	Neutral
Viscosity	None - Solid
Solubility in water	< 0.2% at 20°C

10. Stability And Reactivity

Stability	Stable under normal temperature and conditions. Avoid contact with incompatible materials.
Conditions to avoid	Unintentional contact with water.
Incompatibility	The components of plaster boards are incompatible with strong oxidizers, strong acids, ammonium salts, aluminium and fluorine.
Hazardous decomposition	Will not spontaneously occur. Adding water will produce a slightly acidic solution.
Hazardous polymerisation	Will not occur

11/12. Toxicological And Ecological Information

Toxicological Information	The main component of plaster board is calcium sulphate dehydrate (gypsum). Gypsum has been and is used in a wide variety of applications over a long period of time. In dehydrate and hemihydrates form is widespread used in medicine. There is no evidence of any long term effects associated with the dehydrate. No known toxicological effects.
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Section 11/12 (continued)

Ecological Information	Gypsum is an approved product for soil conditioning in the agricultural trade when applied correctly. It is also used for water clarification. Gypsum is a stable product with no known adverse environmental effects.
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13. Disposal Consideration

Dispose of waste in compliance with applicable local regulation.

14. Transport Information

This product is **not classified as a hazardous material**.

15. Regulatory Information

This product is not classified as a hazardous product under **EC – 1999/45**.

16. Other Information

Gypsum board **DOES NOT** contain asbestos, is bio – soluble and poses **NO** health hazards. Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty with respect to mishandling of this product.

TAMBOUR GYPSUM

