

MADA BOARDS PLASTERBOARD

Material Safety Data Sheet

SDS-PB-R01 Rev1 Plasterboard - June 2022

Product Identification

Chemical Family:

Gypsum (Calcium Sulfate Dihydrate $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$).

Product List:

Mada Plus Regular

Mada Plus Fire Resistant

Mada Plus Moisture Resistant

Mada Plus Fire & Moisture Resistant

Mada Plus Impact Resistant

Mada Regular

Mada Fire Resistant

Mada Moisture Resistant

Mada Fire & Moisture Resistant

Mada Plus Shaft Board

Use:

Mada gypsum boards are designed for specific applications requiring properties such as fire resistance, moisture resistance, abrasion resistance, sag resistance and others as required for applications in walls and ceiling assemblies.

Contact Information:

Mada Gypsum Company

Yanbu Al Sinayah 51000

P.O.Box 31542

Kingdom of Saudi Arabia

Web: www.madagypsum.com

For Emergency Product
Information Call

Telephone: +966 14 325 3253

Hazard Identification

Emergency Overview:

Plasterboard panels do not present an inhalation, ingestion or contact health hazard. It is not recommended that sawing, sanding, grinding, or machining be performed on the product. Scoring and snapping method is recommended to avoid creating dust. If sawing is absolutely necessary, dust collection systems, vacuuming, and the utilization of side shield safety glasses, approved respirator, etc., may be necessary. Inhalation of dust generated from sawing and sanding could irritate nasal and throat tissues.

Potential Health Effects:

- **Eye contact:** Airborne dust may cause irritation to the eye.
- **Skin contact:** May cause dryness, itching and irritation.
- **Ingestion:** Large amounts may cause intestinal discomfort or distress.
- **Inhalation:** Dust from cutting or sawing may cause irritation of nose, throat, or lungs.
- **Carcinogenic Potential:** Gypsum panels are not listed as a carcinogen by NTP, OSHA, or IARC.



MATERIAL SAFETY DATA SHEET

Composition / Information On Ingredients

Mada gypsum boards consist of a Calcium Sulphate Dihydrate encased in paper on both the front and back sides. It may include minor amounts of quartz and other additives like starch, foam, dispersant, silicon (for moisture resistant boards) fiberglass and vermiculite (for fire resistant boards). Contains no asbestos.

First Aid Measures

- **Eye contact:** Remove contact lenses (if applicable). Flush eyes thoroughly with water, including under eyelids to remove all particles. Call physician immediately.
- **Skin contact:** Wash affected skin gently with soap and water.
- **Inhalation of airborne dust:** Expose to fresh air. Seek medical help if coughing and other symptoms do not subside.
- **Ingestion:** Not applicable for product in its supplied form.

Fire And Explosion Hazard Data

- **Flash point:** None.
- **Lower Explosion Limit:** None.
- **Upper Explosion Limit:** None.
- **Auto Ignition Temperature:** Not Combustible.
- **Extinguishing Media:** Dry chemical, foam, water, fog or spray.
- **Special Fire Fighting Procedures:** None.
Although, gypsum panels pose no fire related hazards, a self contained breathing apparatus is recommended to limit exposure to combustion product when fighting any fire.
- **Hazardous combustion product:** None. Above 1450°C could produce SO₂ and CaO.
- **Unusual fire and explosion hazards:** None.

Accidental Release Measures

Not applicable, as product is an article composite.

General recommendations:

- Wear appropriate Personal Protective Equipment. (See Personal Protection Section).
- Maintain proper ventilation.
- Pick-up larger pieces to avoid a tripping hazard. Return large pieces of damaged / waste material for recycling.
- Sweep or vacuum remaining material into a waste container for disposal.
- Use a light water spray to minimize dust generation.
- Waste material is not a hazardous waste. Dispose of in accordance with applicable local regulations.

Precautions For Safe Handling And Use

- **General:** Keep material dry. Stack or store all panels flat. Panels are heavy and can fall over, causing serious injury or death. Use proper lifting methods and equipment. Do not move unless authorized.
- **Storage Temperature:** Should not be stored or used where temperatures exceed 55° C for extended periods or in areas of high humidity.
- **Precautions and safe handling:** Safety glasses should be worn when handling and installing the product. Gloves or protective clothing are usually not necessary but may be desirable in certain situations. Scoring and snapping is the preferred method to be used when cutting the panels in order to reduce the potential for the creation of dust.
- **Waste disposal:** Not a hazardous material. Dispose of in accordance with local regulations.
- **Transportation Data:** Gypsum panels are not hazardous for transportation.

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