

MADA CEILING TILES

Material Safety Data Sheet

SDS-CT-R01-Rev1 PVC Gypsum Tiles - June 2022

Product Identification

Chemical Family:

Gypsum (Calcium Sulfate Dihydrate $\text{CaSO}_4 \cdot 2\text{H}_2\text{O}$) with Polyvinyl Chloride facing film and Metalized PET back film.

Use:

Mada Gypsum Ceiling Tiles are used as internal ceiling linings in buildings.

Contact Information:

Mada Gypsum Company

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Web: www.madagypsum.com

For Emergency Product
Information Call
Telephone: +966 14 325 3253

Hazard Identification

Emergency Overview:

Mada Ceiling Tiles 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. Respiratory protection is necessary due to presence of HCl in PVC film.

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. Vinyl Chloride is a suspect agent, handling and processing Polyvinyl Chloride are regulated by occupational Health and Safety Administration.



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Composition / Information On Ingredients

Mada Ceiling Tiles consist of a Calcium Sulphate Dihydrate encased in paper on both the front and back sides and laminated with polyvinyl chloride film on the face and metalized foil on the back side. It may include minor amounts of quartz and other additives like starch, foam, and dispersant. The PVC film contains plasticizers and stabilizers. The Metalized PET film contains metalized PET, adhesive and Polypropylene. 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, fog or spray.
- **Special Fire Fighting Procedures:** None
Although Mada Ceiling Tiles 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:** Above 1450°C gypsum could produce SO₂ and CaO. The thermal decomposition of the Polyvinyl Chloride causes release of chlorine gas and carbon dioxide (CO₂) with a possibility of formation of smoke and traces of phosgene(COCl₂). The Metalized PET film may release smoke and toxic gas.
- **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. Avoid exposure to direct sunlight.
- **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, state, and federal regulations.
- **Transportation Data:** Mada Ceiling Tiles are not hazardous for transportation.

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