MADA GYPSUM

# MADA PLASTER

## Material Safety Data Sheet

SDS-PP-R01-Rev1 Mada Plaster - June 2022

## Product Identification

**Chemical Family:**
Calcium Sulfate Hemihydrates (Plaster of Paris).

**GYPSUM PLASTER**

**Use:**
Gypsum based plaster for interior use.

**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:**
Mada Plaster products do not present an inhalation, ingestion or contact health hazard unless subjected to operations such as sanding or machining which can result in the generation of airborne particulate.

**Potential Health Effects:**

- **Eye contact:** Airborne dust may cause irritation to the eye.
- **Skin contact:** Direct, prolonged or repeated contact with skin may cause irritation.
- **Ingestion:** Not applicable, May cause temporary irritation to the digestive track, especially the stomach.
- **Inhalation:** Dust generated during handling of this product may irritate eyes, nose, throat and if the dust concentrations in excess of the PEL/TLV may result in coughing, dyspnoea or wheezing. Chronic exposures may result in lung disease (Silicosis / lung cancer).

## Composition / Information On Ingredients

| Component | CAS – Number | Weight in % |
|---|---|---|
| Calcium Sulfate Hemihydrate (Plaster of Paris) | 10034-76-1 | >90.0 |
| Calcium Sulfate Dihydrate (Gypsum) | 10101-41-4 | >5.0 |
| Crystalline Silica (Quartz) | 14808-60-7 | 0.5 - 1.0 |

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## First Aid Measures

- **Eye contact:** Remove contact lenses (If applicable). Flush eyes thoroughly with water, including under eyelids to remove all particles. Seek medical attention.
- **Skin contact:** Wash affected skin gently with soap and water. Apply lotions to alleviate dryness if present. Seek medical attention if irritation persists.
- **Inhalation of airborne dust:** Remove 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 jointing compound poses 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 material may decompose to calcium oxide (CaO) and release sulphur.
- **Unusual fire and explosion hazards:** None.

## Accidental Release Measures

General recommendations:

- Wear appropriate Personal Protective Equipment. (See Personal Protection Section).
- Avoid inhalation of dust and contact with an eyes and skin.
- Shovel or sweep up material from spillage and place collected materials into a container for recovery or waste disposal.
- Do not use compressed air for clean up.
- Waste material is not a hazardous waste. Dispose of in accordance with applicable federal, state, and local regulations.

**These procedures will help to minimize potential exposures.**

## Precautions For Safe Handling And Use

Handling:

- Minimize generation of dust.
- Avoid inhalation of dust and contact with an eyes and skin.
- Wear recommended personal protective equipment when handling.
- Use good safety and industrial hygiene practices.

Storage:

- Store in a covered, dry, climate-controlled area.

## Exposure Controls Measures / Personal Protection

| Exposure Guidelines | OSHA PEL ($mg/m^3$) | | ACGIH TLV ($mg/m^3$) | |
|---|---|---|---|---|
| Component | Total Dust (T) | Respirable Dust (R) | Total Dust (T) | Respirable Dust (R) |
| Calcium Sulfate Hemihydrate (Plaster of Paris) | 15 | 5 | 10 | NE |
| Calcium Sulfate Dihydrate (Gypsum) | 15 | 5 | 10 | NE |
| Crystalline Silica (Quartz) | NE | 0.1 | 0.05 | 0.025 |

NE: Not Established