

MADA JOINTING COMPOUND

Material Safety Data Sheet

SDS-JC-R01-Rev1 Multi Purpose Jointing Compound - June 2022

Product Identification

Chemical Family:

A mixture of limestone, mica, emulsion polymer and other proprietary additives/minerals.

Product Name:

Mada Jointing Compound.

Use:

Joint finishing and repair of drywall.

Contact Information:

Mada Gypsum Company

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For Emergency Product
Information Call
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Hazard Identification

Contains No Asbestos. HMIS Hazard Class Number 1, 0, 0.

Emergency Overview:

Mada Jointing Compound does not present an inhalation, ingestion or contact health hazard unless subjected to sanding or machining resulting in the generation of airborne particules.

Potential Health Effects:

- **Eye contact:** Airborne dust may cause eye irritation.
- **Skin contact:** Direct, prolonged or repeated contact with skin may cause irritation.
- **Ingestion:** May cause temporary irritation to the digestive track, especially the stomach.
- **Inhalation:** Dust generated during handling of this product, when dried, may irritate eyes, nose, throat. Dust concentrations in excess of PEL/TLV may result in coughing, dyspepsia, wheezing. Chronic exposures may result in lung disease (Silicosis / lung cancer).
- **Target Organs:** Eyes, skin and respiratory system.
- **Primary Routes of Entry:** Inhalation and dermal contact.



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Composition / Information On Ingredients

Component	CAS – Number	Weight in Percentage
Calcium Carbonate, CaCO ₃	471-34-1	<63.0
Water	7732-18-5	<32.0
Mica	12001-26-2	<5.0
Proprietary Additives	-	<3.0
Filler / Thickener	-	<3.0
Preservative	-	<0.5
Lemon Essence	-	<0.1
Crystalline Silica	14808-60-7	<0.2

First Aid Measures

- **Eyes:** Remove contact lenses (if applicable). Flush eyes thoroughly with water, including under eyelids to remove all particles. Seek medical attention.
- **Skin:** 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 products:** None. Above 800°C limestone may decompose to calcium oxide (CaO) and release carbon dioxide (CO₂)
- **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.
- 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.
- For vacuuming, use an industrial vacuum cleaner with high efficiency air filter.
- Do not use compressed air for clean up.
- Waste material is not a hazardous waste. Dispose of in accordance with local regulations.



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Precautions For Safe Handling And Use

Handling:

- Keep containers closed when not in use.
- 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 Temperature:

- Store at room temperature in a dry location, keep product out of direct sunlight at all times.
- Do not freeze.

Exposure Controls Measures / Personal Protection

Exposure Guidelines Component	OSHA PEL (mg/m ³)		ACGIH TLV (mg/m ³)	
	Total Dust (T)	Respirable Dust (R)	Total Dust (T)	Respirable Dust (R)
Calcium Carbonate (Lime Stone)	15	5	10	NE
Mica (non-asbestos form)	NE	NE	NE	NE
Water	NE	NE	NE	NE
Hydroxyethyl Cellulose	NE	NE	NE	NE
Attapulgitte Clay	NL	NL	NL	NL
Crystalline Silica	NE	0.1	0.05	0.025

NE – Not Established

NL – Not Listed

Engineering Controls:

Local exhaust ventilation is the preferred method to minimize dust. General mechanical exhaust can also be used if needed.

- **Work/Hygiene Practices:** Wash hands thoroughly after handling this material, maintain good housekeeping.
- **Ventilation:** Provide local and general exhaust ventilation to maintain a dust level below the PEL/TLV.

Personal Protective Equipment:

- **Skin Protection:** Gloves or protective clothing are usually not necessary but may be desirable in certain situations.
- **Eye Protection:** Wear safety glasses with side shields or goggles to avoid irritation. Do not wear contact lenses in dusty environments.
- **Respiratory Protection:** Wear a NIOSH approved respirator equipped with particulate cartridges when dusty or poor ventilated areas.

Physical / Chemical Characteristics

- **Appearance:** White to off white
- **Odor:** Lemon smell
- **Physical State:** Paste / Semi solid
- **pH:** 8.0 - 11.0
- **Boiling Point:** Not Applicable
- **Specific Gravity:** 1.47 – 1.7 g/cm³
- **Vapor Pressure (mm of Mercury):** Not Applicable
- **Vapor Density (Air = 1):** Not Applicable
- **Molecular Weight:** Mixture
- **VOC Content:** <1 mg/Kg
- **Viscosity (Brookfield/D94 spindle/25°C) :** 200,000 - 500,000 cPs



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Physical / Chemical Characteristics

- Decomposition temperature: 825°C
- Flash Point: Not Applicable
- Evaporation Rate: Not Applicable
- Flammability: Not Applicable
- Solubility in H₂O (% by wt.): Insoluble

Stability And Reactivity Data

- **Stability:** Product is stable.
- **Conditions to Avoid:** Reaction with strong acids will generate carbon dioxide.
- **Incompatible Materials:** Strong Acids.
- **Hazardous Polymerization:** Does not occur.
- **Hazardous Decomposition:** Above 825° C limestone may decompose to Calcium Oxide (CaO) and release carbon dioxide (CO₂).

Toxicological Information

Acute Effects

- There is no information on toxicokinetics, metabolism and distribution.
- There have been reports of irritation to mucus membranes of the eyes and respiratory tract upon acute exposure to dusts in excess of the recommended limits.

Ecological Information

This product does not present an ecological hazard to the environment.

- **Ecotoxicological Information:** This product has no known adverse effect on the ecology. A large discharge directly into waterways would not be expected to kill aquatic life.
- **Environmental Fate:** Limestone is a naturally occurring mineral. Biodegradation and/or bioaccumulation potential are not applicable.

Disposal Considerations

- Dispose of according to Local Environmental Regulations.
- Never discharge directly into sewers or surface waters.

Transportation Information

- This product is not a hazardous material
- ICAO/IATA/IMO: Not applicable
- Shipping name: Same as product name

Regulatory Information

There are no local regulatory information available for Gypsum Plasterboard. However, relevant international standards like OSHA may be considered. Details of such International Standards are:

- **OSHA Hazard Communication Rule, 29 CFR 1910.1200:** Dust and Potential respirable particules generated during product use may be hazardous.



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Other Information

Key/Legend

ACGIH American Conference of Governmental Industrial Hygienists

CAS Chemical Abstract Services Number

CFR Code of Federal Regulations

DOT Department of Transportation

EPA Environmental Protection Agency

HEPA High Efficiency Particulate Air

HMIS Hazardous Material Identification System

IARC International Agency for Research on Cancer

ICAO International Civil Aviation Organization

IMO International Maritime Organization

NIOSH National Institute for Occupational Safety and Health

NFPA National Fire Protection Association

NTP National Toxicology Program

OSHA Occupational Safety and Health Administration

PEL Permissible Exposure Limit

PPE Personal Protective Equipment

TLV Threshold Limit Value

TSCA Toxic Substance Control Act

TWA Time Weighted Average

WHMIS Workplace Hazardous Materials Information System

The information contained in this Safety Data Sheet is based on the current state of knowledge and current state of legislation. It provides guidance on Health Safety and Environmental aspects of the product, and should not be taken as a guarantee of technical performance or suitability for particular applications.

Disclaimer of Liability:

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Prepared by: Mada Gypsum Company.