

MADA BASE RENDER

Safety Data Sheet

SDS-RE-R09-Rev1 Mada Base Render - August 2023

Product Identification

Product Family:
Construction Chemicals.

Contact Information:

Manufacturer
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Tel: +966 13 882 3030 (H.O)

For Emergency Product
Information Call
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Hazard Identification

Potential Health Effects:

- Skin Corr. /Irritation: Category 2
- Eye Dam. /Irritation: Category 1
- Sensitization, skin: Category 1
- Carcinogenicity: Category 1A Specific target organ toxicity, single exposure: Category 3 respiratory tract irritation

Hazard Statement (s)

- H335: May cause respiratory irritation.
- H372: Causes damage to organs (Lung) through prolonged or repeated exposure (inhalation).

Precautionary Statement(s) Prevention

- P280 Wear protective gloves and eye/face protection.
- P271 Use only outdoors or in a well-ventilated area.
- P260 Do not breathe dust/gas/mist/ vapors.
- P270 Do not eat, drink or smoke when using this product.
- P264 Wash with plenty of water and soap thoroughly after handling.

Precautionary Statement(s) Response

- IF IN EYES: Rinse cautiously with water for several minutes.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF ON SKIN (or hair): Wash with plenty of soap and water.
Take off contaminated clothing and wash before reuse.



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Precautionary Statement(s) Storage

Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Precautionary Statement(s) Disposal

Dispose of contents/container to hazardous or special waste collection point.

Supplemental Information

In combination with water, repeated or prolonged dermal exposure can cause moderate to severe alkali burns.

Composition / Ingredients

Component	CAS – Number	Weight in %
Ordinary Portland Cement	65997-15-1	>25-35
Hydrated Lime	1305-62-0	>10-20
Silica Sand	14808-60-7	> 45 -60
Calcium Carbonate	4731-34-1	> 5 - 10

First Aid Measures

- **Inhalation:** Remove injured to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
- **Skin contact:** Take off immediately all contaminated clothing. Chemical burns must be treated by a physician. Wash contaminated clothing before reuse. Get medical attention immediately.
- **Eye contact:** Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately.
- **Ingestion:** Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical attention if any discomfort continues.
- **Medical Attention and Special Treatment:** Provide general supportive measures and treat symptomatically. Symptoms may be delayed. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to the affected area. Call an ambulance. Continue flushing during transport to hospital.

Fire Fighting Measures

- **Suitable Extinguishing Media:** Alcohol resistant foam. Water fog. Dry chemical powder. Carbon dioxide (CO₂).
- **Unsuitable Extinguishing Media:** Do not use a water jet as an extinguisher, as this will spread the fire.
- **Firefighting Equipment/Instructions:** Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. The degree of risk is governed by the burning substance and the fire conditions. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
- **General fire hazards:** No unusual fire or explosion hazards noted.

Accidental Release Measures

- **Environmental Precautions:** Avoid release to the environment. Do not discharge into drains, water courses or onto the ground. Environmental managers must be informed of all major releases.
- **Method for Containment & Cleaning Up:** Pick up with suitable appliance and dispose of. Pack in tightly closed containers for disposal.



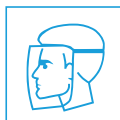
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Handling And Storage

- **Precautions for Safe Handling:** Avoid dust formation. The Cement contained in this product reacts alkaline when in contact with water or humidity. This may cause severe irritation of skin or mucous membranes. The humidity of the skin or mucous membranes is enough for this reaction. Prolonged direct contact with the dry product should be avoided. Avoid inhalation of dust. Avoid skin contact. Pour downwind and allow as little free fall as possible while emptying bags into equipment. Breathing must be protected when large quantities are decanted without local exhaust ventilation.
- **Conditions for Safe Storage, Including Any Incompatibilities:** Segregate from metals. Segregate from acids. Segregate from lyes. Segregate from oxidants. Segregate from foods and animal feeds. Suitable materials for containers: High density polyethylene (HDPE). Further information on storage conditions: Containers should be stored tightly sealed in a dry place.

Personal Protection

- **Eye/Face Protection:** Wear safety glasses with side shields (or goggles). Face-shield. Wear a full-face respirator, if needed.



- **Skin protection Hand protection:** Wear appropriate chemical resistant gloves.



- **Hygiene Measures:** Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.
- **Others:** Body protection must be chosen based on level of activity and exposure. In case of insufficient ventilation, wear suitable respiratory equipment.

Physical & Chemical Properties

Characteristics	Results
Appearance	Powder
Color	Grey
Odor	Odorless
pH	11-13
Melting Point/Freezing Point	Not Available
Initial Boiling Point	Not Available
Flash Point	Not Flammable
Evaporation Rate	Not Applicable
Flammability (Solid, Gas)	Not Applicable
Bulk Density	1.47 Kg/L
Solubility (Water)	Insoluble
Auto-Ignition Temperature	Not Available



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Stability And Reactivity Data

- **Reactivity:** No hazardous reactions if stored and handled as prescribed/indicated.
- **Chemical Stability:** Material is stable under normal conditions.
- **Possibility of Hazardous Reactions:** The product is stable if stored and handled as prescribed/indicated. Strong bases are formed on the addition of water.
- **Conditions to Avoid:** Avoid dust formation. Avoid humidity.
- **Hazardous Decomposition Products:** No hazardous decomposition products if stored and handled as prescribed/indicated.

Toxicological Information

- **Information on Possible Routes of Exposure:** Routes of entry for solids and liquids are ingestion and inhalation but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
- **Acute Toxicity/Effects:** Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. The statement has been derived from the properties of the individual components.
- **Inhalation:** Dust irritates the respiratory system and may cause coughing and difficulties in breathing.
- **Eye:** Causes serious eye damage. Prolonged contact with wet cement/mixture may cause burns.
- **Other Information:** Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The statements on toxicology have been derived from the properties of the individual components.

Ecological Information

- **Aquatic-toxicity:** Not expected to be harmful to aquatic organisms.
- **Persistence and Degradability:** No data is available on the degradability of this product.
- **Bioaccumulative Potential:** No data available for this product
- **Mobility in Soil:** The product is not mobile in soil.
- **Additional Information:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this compound.

Disposal Considerations

- **Disposal Methods:** Observe national and local legal requirements. Residues should be disposed of in the same manner as the substance/product.
- **Residual Waste:** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
- **Contaminated Packaging:** Completely emptied packaging can be given for recycling.

Regulatory Information

- National Safety, health and environmental regulations. Followed

Transportation Information

- This product is not classified as dangerous to transport.



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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.

IATA International Air Transport Association.

NIOSH National Institute for Occupational Safety and Health.

NTP National Toxicology Program.

OSHA Occupational Safety and Health Administration.

PEL Permissible Exposure Limit.

PPE Personal Protective Equipment.

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.