

MADA FIRE GUARD ACRYLIC SEALANT

Safety Data Sheet

SDS-ACC-R03-Rev2 Fire Guard Acrylic Sealant - 2025

Product Identification

Chemical Composition:

Mada Fire Guard Acrylic Sealant.

Contact Information:

Mada Gypsum Company

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For Emergency Product
Information Call
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Use: Drywall systems single component fire stopping joint seal for internal applications.

Hazard Identification

- **Emergency Overview:** May cause skin, eye, and respiratory tract irritation.
- **Hazard Classification:** The product is classified according to the Globally Harmonized System (GHS):
 - Skin Irritation: Category 2
 - Eye Irritation: Category 2A
 - Specific Target Organ Toxicity (Single Exposure): Category 3 (Respiratory tract irritation)
- **Hazard Statement:** Overexposure by inhalation may be harmful.
- **Safety Phrase(s):** Use only in well-ventilated areas.

Precautionary Statements:

Prevention: Avoid contact with skin and eyes. Avoid breathing vapors. Use personal protective equipment as required.

Disposal: Dispose contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations.

Composition / Information On Ingredients

Component	CAS – Number	Weight in Percentage
Calcium Carbonate	1317-65-3	30 - 40
Acrylic Emulsion	25085-34-1	20 - 30
Monopropylene glycol	63625-56-9	1 - 5
Aluminum trihydroxide	21645-51-2	20 - 40



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First Aid Measures

- **Eye Contact:** Wash immediately with plenty of running water. Get medical advice/attention if eye irritation persists.
- **Skin Contact:** Wash skin thoroughly with soap and water. Get medical advice/attention if skin irritation persists.
- **Inhalation:** Move the person to fresh air. Get medical attention if any discomfort continues.
- **Ingestion:** Do not induce vomiting. Rinse mouth. Give the person 1-2 glasses of water. Get immediate medical attention.
- **Note to Physician:** Treatment is symptomatic.

Fire And Explosion Hazard Data

- **General Fire Hazards:** Water-based product. No unusual fire hazards noted.
- **Suitable Extinguishing Media:** CO2 foam and dry chemical powder. Use suitable fire extinguishers for surrounding materials.
- **Unsuitable Extinguishing Mean:** Do not use water jet as an extinguisher.
- **Specific Hazards Arising from the Mixture:** During fire, gases hazardous to health may be formed.
- **Fire Fighting Procedures:** Self-contained breathing apparatus should be worn with full face mask and protective clothing.

Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Avoid contact with skin and eyes. Ensure adequate ventilation.
- **Environment precautions:** Avoid product from accessing water sources, sewers and drains. Notify authorities in the event of major spillages in accordance to local regulations.

Containment and Clean Up:

- **Procedures:** Wipe, scrape or absorb the spillage with suitable inert material. Avoid contact with skin or inhalation of spillage or vapor. Remove to safe space as spillage of uncured product may cause slippery surface. Wash the floor with plenty of water. Do not empty into drains. Transfer to a closed container for disposal. Wear protective equipment as specified in Personal Protection Section.
- **Prevention of Second Disaster:** Absorbed waste maybe disposed as per local government regulations.

Precautions For Safe Handling And Use

Precautions for Safe Handling:

Use only with adequate ventilation. Product releases acetic acid during application and curing. Avoid skin and eye contact. Remove contact lenses before applying sealant. Do not handle lenses until fingers and hands are completely free from sealant. Keep containers/cartridges tightly closed when not in use. Keep out of reach of children. See Personal Protection Section for Personal Protective Equipment.

Proper Storage Condition:

Store the materials in tightly closed in the original packaging and stored in a dry, well-ventilated area at a stable room temperature of 25°C. Keep away from exposure to direct sunlight, dust, moisture, corrosive and solvent fumes and vapors.

Exposure Controls Measures / Personal Protection

- **Engineering Controls:** Proper ventilation is recommended for controlling exposures. Local exhaust is preferred.
- **Respiratory Protection:** Use appropriate respirator unless local exhaust ventilation is sufficient
- **Hand Protection:** Wear impermeable chemical protective gloves while handling this material
- **Eye Protection:** In case of splashing risk, wear safety goggles with side shields.
- **Other Protective Equipment:** Wear suitable protective clothing like aprons against splashing and contamination.



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Exposure Controls Measures / Personal Protection

- **Work/Hygienic Practices:** When using, do not eat, drink or smoke. Wash at the end of each work shift and before eating. Wash hands thoroughly after handling. Contaminated shoes and clothing should be removed after handling and washed thoroughly before reuse.

Physical / Chemical Characteristics

Appearance

- **Form:** Non-sag paste
- **Color:** White, Grey, etc.

Properties

- **Odor:** Acrylic odor
- **pH:** Not determined
- **Specific Gravity @ 25°C:** 1.65 + 0.02
- **Boiling Point (°C):** Not determined
- **Melting Point:** Not determined
- **Evaporation Rate:** Not established
- **Flash Point:** Not established
- **Solubility in Water @ 25°C:** Soluble in water
- **Shelf Life:** 24 months at ambient temperature

Stability And Reactivity Data

- **Stability:** Stable under normal temperature conditions.
- **Reactivity:** No data available.
- **Prohibited Condition:** Store away from strong oxidizers
- **Incompatible Materials:** Avoid contact with strong oxidizing agents (e.g. nitric acid, peroxides and chromates). Strong acids.
- **Hazardous Thermal Decomposition Product:** Thermal decomposition of this product during fire or extremely high temperature may liberate carbon dioxides and other toxic gases or vapors.

Toxicological Information

Possible Health Effects

Acute

- **Skin:** May cause mild irritation.
- **Eye:** Direct contact may cause mild irritation.
- **Inhalation:** May cause mild irritation to respiratory passages.
- **Ingestion:** Not an anticipated route of exposure at normal use.

Chronic

- **Skin:** No data available.
- **Eye:** No data available.
- **Inhalation:** No data available.
- **Ingestion:** No data available.

Ecological Information

- **Mobility:** Cured material are not mobile
- **Bioaccumulative Property:** Does not bioaccumulate.
- **Ecotoxicity:** No adverse effects on aquatic organisms are predicted. Do not empty into drains and water sources.

Disposal Considerations

- **Product Disposal:** Dispose waste at an appropriate treatment and disposal facility in accordance to local and national regulations.
- **Disposal of Un-cleaned Packages:** After use, tubes and bottles containing residue of product should be disposed of as chemically contaminated waste according to local and national 5 regulations.



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Transport Information

- UN Number: Not applicable.
- IATA Classification: Not regulated.
- IMDG Classification: Not regulated.
- Special Precautions Re Carriage: None.
- Packing Group: Not applicable.
- Class: Not applicable.
- Proper Shipping Name: Not applicable.

Transportation Information

- This product is not a DOT hazardous material
- ICAO/IATA/IMO: Not applicable

Regulatory Information

This product is not considered dangerous according to current Chemicals Hazard Information and Packing Regulations in force.

The information contained in this Safety Data Sheet does not substitute the user's own responsibility to carry out an assessment of work place risks as may be required by Health and Safety Legislation.

- **Risk Phrases:** Not Classified
- **Safety Phrases:** Wear suitable protective clothing, gloves and eye/face protection.
- **Chemical Safety Assessment:** A chemical safety assessment has not been carried out.

Other Information

This product should not be used for purposes other than those shown on the manufacturer's product labels and technical data sheets. As the specific conditions of use are outside the supplier's control, the user is responsible for ensuring compliance with the relevant legislation in the territory of use.

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:

The information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. It is offered for your consideration, investigation and verification. Buyer assumes all risk of use, storage and handling of the product in compliance with applicable local laws and regulations. Mada Gypsum Company and its subsidiaries make no warranty of any kind, expressed or implied, concerning the accuracy or completeness of the information and data herein. The implied warranties of merchantability and fitness for a particular purpose are specifically excluded.

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Prepared by: Mada Gypsum Company.