



SAFETY DATA SHEET

Section 1 - Product and Company Identification

- 1.1 Product Name:** M-720 Light-weight, All purpose
- Product Use:** Interior gypsum board finishing product.
- General Description:** Drying Type, Ready-Mixed, All Purpose Joint Compound and/or Topping.
- 1.2 Manufacturer Information:** Murphy Wall Products International, Inc.
2032 N. Commerce St.
Fort Worth, Texas 76164
- Emergency Telephone Number
1-817-626-1987
- Telephone Number for Information
1-817-626-1987

Section II - Hazards Identification

- 2.1 Appearance and Odor:**
Off-white, semi-liquid with characteristic odor.
- 2.2 HMIS Hazard Class :** 1,0,0
- 2.3 Emergency Overview:**
These products contain crystalline silica as a natural occurring contaminant.
These products do not present an inhalation, ingestion, or contact health hazard unless subjected to machining, sanding or other working that generates dust exceeding the PEL/TLV.
It is recommended that a NIOSH approved particulate respirator be worn whenever working with this product generating airborne particulate matter and dust exceeding the exposure limits.
Job site air monitoring should be conducted to determine actual exposure when the PEL/TLV may be exceeded.
This SDS contains valuable information critical to the safe handling and proper use of the product.
This SDS should be made available for users of the product.
- 2.4 Potential Health Effects:**
- Acute(Short term):**
- Inhalation: Amounts of dust in excess of the PEL/TLV may cause irritation of the upper respiratory tract which may include coughing, sneezing and troubled breathing.
- Ingestion: Not an expected route of exposure, if ingested consult a physician.
- Eyes: Direct contact with particulate matter may cause irritation. If burning, itching or pain persist consult a physician.
- Skin: May cause slight irritation.
- Chronic(Long term):**
Repeated, prolonged exposure to crystalline silica may cause severe damage to the lungs resulting in silicosis. The severity and risk of developing silicosis depends on the respirable concentration, particle size of the

silica dust and the duration of exposure. The amount of respirable silica generated will vary depending on sanding operations.

Prolonged skin contact may dry the skin causing cracking or dermatitis.

2.5 Medical Conditions Aggravated by Exposure:

Pre-existing lung and upper respiratory diseases may be aggravated by dust exposure.

Section III - Composition/Information on Ingredients

| CAS# | Chemical Name | % WT |
|------------|------------------------|------|
| 1317-65-3 | Calcium Carbonate | < 85 |
| 12001-26-2 | Mica | < 10 |
| 93763-70-3 | Perlite | < 10 |
| 24937-78-8 | Vinyl Acetate Emulsion | < 7 |
| 1332-58-7 | Clay | < 4 |
| 12174-11-7 | Attapulgite | < 3 |

Though not in reportable amounts, may contain, as a raw material contaminant, trace amounts of naturally occurring crystalline silica (quartz).

Section IV - First Aid Measures

- 4.1 Inhalation:** In case of accident by inhalation, remove casualty to fresh air and keep at rest.
If signs/symptoms continue, get medical attention.
- 4.2 Skin:** Wash the contaminated area of body with soap and fresh water.
If irritation develops and persists, get medical attention.
- 4.3 Eyes:** In case of contact with eyes, flush with water for at least 15 minutes.
Get medical attention if irritation develops or persists.
- 4.4 Ingestion:** If swallowed, rinse mouth with water, seek medical advice immediately.

Section V - Fire Fighting Measures

- 5.1 Flammable Properties:**
Not flammable or combustible. NFPA Hazard Class No: 1,0,0
- 5.2 Extinguishing Media:**
Dry chemical, foam, water, fog or spray.
- 5.3 Protection of Firefighters:**
Standard protective equipment and precautions.
- 5.4 Fire and Explosion Hazards:**
None.
- 5.5 Hazardous Combustion Products:**
None.
Above 800° C incomplete combustion products produced may include oxides of carbon.

Section VI - Accidental Release Measures

- 6.1 Personal Precautions:**
Wear appropriate Personal Protective Equipment.
- 6.2 Environmental Precautions:**
Avoid washing material down drainage and sewer systems.

6.3 Methods for Containment:

Contain spill, scoop material back into container for use or disposal.

6.4 Methods for Cleanup:

Sweep up, collect in suitable container, avoid creating dust.

Dispose of in accordance with local, state and federal laws and regulations.

Section VII - Handling and Storage

7.1 Precautions for Safe Handling:

Wear recommended personal protective equipment when handling.

Avoid generating dust.

Good housekeeping practices should be used to minimize dust accumulation.

Keep containers closed when not in use.

7.2 Conditions for Safe Storage:

Store material in cool, ventilated, dry area.

Do not store outside or in direct sunlight.

Keep from freezing to preserve usefulness.

Keep away from children.

Section VIII - Exposure Controls/Personal Protection

8.1 Occupational Exposure Limits:

| CAS# | Chemical Name | OSHA PEL | | ACGIH TLV | |
|------------|------------------------|---------------------|----------------------|---------------------|----------------------|
| | | Respirable | Total Dust | Respirable | Total Dust |
| 1317-65-3 | Calcium Carbonate | 5 mg/m ³ | 15 mg/m ³ | 5 mg/m ³ | 10 mg/m ³ |
| 12001-26-2 | Mica | 20 mppcf | NE | 3 mg/m ³ | 10 mg/m ³ |
| 93763-70-3 | Perlite | 5 mg/m ³ | 15 mg/m ³ | 5 mg/m ³ | 10 mg/m ³ |
| 24937-78-8 | Vinyl Acetate Emulsion | 5 mg/m ³ | 15 mg/m ³ | 5 mg/m ³ | 10 mg/m ³ |
| 1332-58-7 | Clay | 5 mg/m ³ | 15 mg/m ³ | 2 mg/m ³ | 10 mg/m ³ |
| 12174-11-7 | Attapulgate | NE | NE | NE | NE |

mppcf - million particles per cubic foot

NE - not established

8.2 Engineering Controls:

Local and general exhaust ventilation is the preferred method to minimize dust.

Use sanders equipped with vacuums when possible.

Utilize wet sanding when feasible.

8.3 Ventilation:

Provide sufficient ventilation for operations to minimize dust.

8.4 Respiratory Protection:

NIOSH/MSHA approved dust respirator as needed to control exposure.

8.5 Eye Protection:

Safety glasses.

8.6 Skin Protection:

Wash hands thoroughly after handling this material.

Section IX – Physical and Chemical Properties

9.1 Appearance:

Semi-solid, off-white, liquid.

9.2 Properties:

| | |
|----------------------------|------------------------------|
| Odor: | Mild, Characteristic. |
| Odor threshold: | Not applicable. |
| pH: | 7.5 - 10.0 |
| Freezing Point: | 0° C (32° F) |
| Boiling Point: | 100° C (212° F) |
| Flash Point: | Not applicable. |
| Evaporation Rate: | Not applicable. |
| Flammability: | Not applicable. |
| Upper Flammability Limit: | Not applicable. |
| Lower Flammability Limit: | Not applicable. |
| Vapor Pressure: | Not applicable. |
| Vapor Density: | Not applicable. |
| Solubility: | Insoluble. |
| Partition Coefficient: | Not applicable. |
| Auto-ignition Temperature: | Not applicable. |
| Decomposition Temperature: | 825° C (1517° F) |
| Specific Gravity: | 1.0 - 1.8 |
| Relative Density: | 1.0 - 1.3 (H ₂ O) |
| Bulk Density: | 8.3 - 14.5 lb/Gal. |
| VOC: | < 2 g/L |

Section X – Stability and Reactivity

10.1 Chemical Stability:

Material is stable under normal conditions.

10.2 Possibility of Hazardous Reactions:

Does not occur.

10.3 Conditions and Materials to Avoid:

Contact with strong acids and oxidizing agents may generate carbon dioxide.

10.4 Hazardous Decomposition Products:

Above 800° C, may decompose to calcium oxide and carbon dioxide.

Section XI – Toxicological Information

11.1 Acute Toxicity Data:

| | | |
|-------------------|-----------------------|---------------------|
| Calcium carbonate | LD ₅₀ Oral | 6450 mg/kg (rat) |
| Perlite | LD ₅₀ Oral | 13000 mg/kg (mouse) |

11.2 Chronic Toxicity Data:

| | |
|--------------------|---|
| Crystalline silica | ACGIH Group A2, Suspected human carcinogen IARC Group 1, Carcinogenic to humans NTP, Known human carcinogen |
|--------------------|---|

11.3 Irritation:

Inhaling large concentrations of dust may cause coughing and mild, temporary irritation.

Irritating to the eyes as a foreign object.

11.4 Corrosivity:

Not applicable.

11.5 Sensitization:

Not applicable.

11.6 Neurological effects:

Not applicable.

11.7 Genetic effects:

Not applicable.

- 11.8 Reproductive effects: Not applicable.
11.9 Developmental effects: Not applicable.
11.10 Target organs: Lungs and eyes.

Section XII – Ecological Information

- 12.1 Persistence and Degradability:
No data available.
- 12.2 Bio-accumulative Potential:
Bio-accumulation is not expected.
- 12.3 Mobility:
No data available.
- 12.4 Aquatic Toxicity:
None expected.

Section XIII – Disposal Considerations

Waste Disposal:

Dispose in accordance with applicable federal, state, and local regulations.
Recycle responsibly.
Never discharge into directly into sewers or surface waters.

Section XIV – Transport Information

- | | |
|--|------------------|
| 14.1 Shipping Name: | Same as product. |
| 14.2 U.S. Hazardous Materials Regulation (DOT 49CFR): | Not Regulated. |
| 14.3 Canadian Transportation of Dangerous Goods (TDG): | Not Regulated. |
| 14.4 ADR/RID: | Not Regulated. |
| 14.5 IMDG: | Not Regulated. |
| 14.6 ICAO/IATA: | Not Regulated. |

Section XV – Regulatory Information

- 15.1 TSCA Status:
All ingredients are listed in the TSCA inventory.
- 15.2 SARA Title III:
Sec. 302/304: None
Sec. 311/312: Chronic (Delayed health effects)
Sec. 313: None
CERCLA: None
- 15.3 Right to Know:
This product contains one or more of the listed ingredients in U.S. State regulation substance lists.
- 15.4 California Prop 65:
This product may contain substances known to the state of California to cause cancer.
- 15.5 Canada:
This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations.
All substances in this product are listed on Canada's Domestic Substance List.
WHMIS Classification D2A: Crystalline silica.

There are no NRPI reportable substances in this product.

Section XVI – Other Information

16.1 Date of Preparation:

May 31, 2015

16.2 List of Acronyms:

| | |
|--------|--|
| ACGIH | American Conference of Governmental Industrial Hygienists |
| CAS | Chemical Abstract Service |
| CERCLA | Comprehensive Environmental Response, Compensation and Liability Act of 1980 |
| CFR | Code of Federal Regulations |
| DOT | Department of Transportation |
| EPA | Environmental Protection Agency |
| HMIS | Hazardous Materials Identification System |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| ICAO | International Civil Aviation Organization |
| IMDG | International Maritime Dangerous Goods |
| MSHA | Mine Safety and Health Administration |
| NFPA | National Fire Protection Association |
| NIOSH | National Institute for Occupational Safety and Health |
| NPRI | National Pollutant Release Inventory |
| NTP | National Toxicology Program |
| OSHA | Occupational Health and Safety Administration |
| PEL | Permissible Exposure Limit |
| PPE | Personal Protective Equipment |
| SARA | Superfund Amendments and Reauthorization Act of 1986 |
| TLV | Threshold Limit Value |
| TSCA | Toxic Substances Control Act |
| WHMIS | Workplace Hazardous Material Information System |

16.3 Disclaimer:

Data is offered solely for your consideration. The information listed is believed to be accurate to the best knowledge but not warranted or guaranteed by Murphy Wall Products International, Inc. This information should be used to make an independent determination of the methods to safeguard users and the environment. Murphy Wall Products International, Inc. assumes no legal responsibility for the use or reliance of this data. Murphy Wall Products International, Inc. does not assume any responsibility and expressly disclaim any liability for use and hazards connected with the use of the material since the methods and the conditions of use are beyond our control. Information on the safety data sheet may not be valid for this material if it is used in combination with any other material. User assumes all risk of use, storage and handling of the product in compliance with applicable federal, state and local laws and regulations. This safety data sheet was prepared to comply with the Globally Harmonizing System of Classification and Labeling of Chemicals (GHS).