



SDS: RM-001
DATE: 5/31/2015
REVISED: 7/25/2017

SAFETY DATA SHEET

Section 1 - Product and Company Identification

1.1 Product Name:	M-105 Topping M-400 Pro-Grade Light-weight, All purpose M-500 Medium-weight, All purpose M-511 Medium-weight, All purpose M-532 Medium-weight, All purpose M-700 Light-weight, All purpose M-710 Premium light-weight, All purpose M-711 Light-weight, All purpose M-717 Feather-weight, All purpose M-732 Light-weight, All purpose M-800 Joint compound, All purpose M-1200 Joint compound, All purpose M-1232 Joint compound, 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. 201 N.E. 21st 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 naturally 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.

2.6 Label Element:

Pictogram:



Signal Word: Danger

Hazard Statement:

May cause cancer. Harmful if inhaled. Causes damage to organs(lungs) through prolonged or repeated exposure by inhalation.

Section III - Composition/Information on Ingredients

3.1 Product 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 Ethylene	< 7
1332-58-7	Clay	< 4
12174-11-7	Attapulgate	< 3

3.2 Product Impurities:

CAS#	Chemical Name	% WT
14808-60-7	Crystalline silica(Quartz)	< 2.5

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:

Do not sweep up, avoid creating dust.

Vacuum dust generated by sanding.

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.

Do not sweep.

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 Ethylene	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
14808-60-7	Crystalline silica(Quartz)	0.05 mg/m ³	0.3 mg/m ³	0.025 mg/m ³	0.3 mg/m ³

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: Not available for this mixture. Available for following components.

Calcium carbonate LD₅₀ 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
Attapulgite clay <5µm	IARC Group 3, cannot be classified as carcinogenic to humans
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:

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