Mud-Max (MM2025) Joint Compound Additive

According to Federal Register/Vol. 77, No. 58/ Monday, March 26th, 2012/ Rules and Regulations

SAFETY DATA SHEET

Rev. 10/2025

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

Mud Max (MM2025)

OTHER MEANS OF IDENTIFICATION

NA

RECOMMENDED USE

Joint compound additive. Use per manufacturer's recommendations.

RESTRICTIONS ON USE

Use in well-ventilated area and avoid breathing dust. Avoid skin contact.

MANUFACTURER/SUPPLIER DETAILS

Trim-Tex Inc.
3700 W. Pratt Avenue
Lincolnwood, IL 60712
website: **www.trim-tex.com**

EMERGENCY TELEPHONE NUMBER

For emergency health, safety, and environmental information, call: **Chemtrec at (800)-424-9300**

SECTION 2: HAZARDS IDENTIFICATION

UNITED STATES (US)

According to OSHA 29CFR 1910.1200 (HCS)

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

Carcinogenicity - Category 1A (H-350)
Specific target organ toxicity, repeated exposure – Category 1 (respiratory tract) (*Inhalation)*
Combustible Dust - OSHA defined hazard

PICTOGRAM

SIGNAL WORD

Danger

HAZARD STATEMENTS

H-350 May cause cancer if inhaled.
H-333, 372 May be harmful if inhaled. Causes damage to organs (lungs) through prolonged or repeated exposure.
Combustible Dust- May form combustible dust concentrations in air.

PRECAUTIONARY STATEMENTS

PREVENTION

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust. Use only outdoors or in a well-ventilated area. Wash skin thoroughly after handling.
Use personal protective equipment as required. (See Section 8)
Keep away from heat, sparks, open flames, and hot surfaces — no smoking. Observe precautionary measures against dust explosion (See Section 7)
Use engineering controls and wet methods to minimize dust (See Section 8).

RESPONSE

If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If on skin, wash with plenty of soap and water. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if exposed or concerned.

STORAGE

Store material in a cool, dry, ventilated area, away from excessive heat or sunlight. Keep container tightly closed. Store locked up.

DISPOSAL

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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	COMMON NAME/SYNONYM	IDENTIFIERS/CAS NUMBER	% WEIGHT
Copolymer of Vinyl Acetate and Ethylene with Mineral additives and protective colloid	Dispersible Polymer Powder	proprietary	70-75%
Silicon Dioxide	Quartz , Crystalline Silica, SiO_2	14808-60-7	11-14%
Aluminum Silicate Hydrate	Pyrophyllite	12269-78-2	11-13%
Potassium Aluminosilicate	Mica (muscovite)	12001-26-2	1..4-5.6%
Aluminum Silicate	Kaoline Clay	1332-58-7	0.6-2.8%

Composition Comments
Raw materials in this product naturally contains respirable crystalline silica (quartz, CAS 14808-60-7) as an impurity. The weight percent or respirable cyrstalline silica found in this product is at approximately 40–50 % of the Pyrax B fraction. Exposure to respirable crystalline silica during the normal use of this product must be determined by workplace hygiene testing.

SECTION 4: FIRST-AID MEASURES

4.1 Description of necessary first aid measures

GENERAL ADVICE
If symptoms persist, call a physician.

INHALATION
Remove exposed individual to fresh air immediately. If breathing difficulty persists, seek medical attention.

EYE CONTACT
Do not rub or scratch eyes. Immediately flush eyes with water for 15 minutes. Remove contact lenses (if applicable). Seek medical attention if irritation persists.

SKIN CONTACT
Flush and wash skin with soap and water. Utilize lotions to alleviate dryness if present. Seek medical attention if irritation persists.

INGESTION
Unlikely to be toxic by ingestion. Rinse mouth out with water. Do not induce vomiting unless directed to do so by medical personnel. Seek medical attention if significant quantities have been ingested or symptoms occur.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Pre-existing upper respiratory and lung diseases such as, but not limited to, bronchitis, emphysema and asthma. Pre-existing skin diseases such as, but not limited to, rashes and dermatitis.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms No information available

4.3 Indication of any immediate medical attention and special treatment needed

Notes to physician No information available

SECTION 5: FIRE-FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA
Dry chemical, foam, water, or extinguishing media appropriate for surrounding fire.

Usuitable Extinguishing Media None.

5.2 SPECIAL HAZARDS ARISING FROM THE MIXTURE

Special Hazard	No Information Available
Hazardous Combustion Products	No Information Available
Explosion Data	
Sensitivity to Mechanical Impact	No Information Available
Sensitivity to Static Discharge	No Information Available

5.3 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. A SCBA is recommended to limit exposures to combustion products when fighting any fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal protection needs must be evaluated based on information provided on this sheet and the special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred, and the training and the expertise of employees in the area responding to the spill.

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent product from entering drains. Do not flush into surface water or sanitary sewer system. See Section 12 for additional Ecological information. Dispose of in accordance with applicable federal, state, and local regulations.

6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Methods for Containment	Spills and leaks are not likely. Prevent further leakage or spillage if safe to do so.
Methods for Cleaning Up	Pick-up and transfer to properly labeled containers

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Avoid breathing vapors when opening container. Avoid breathing dust. Minimize generation of dust. Provide appropriate exhaust ventilation at places where dust is formed. Avoid contact with eyes, skin and clothing. Wear recommended personal protective equipment when handling. (See Section 8).

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Advice on safe handling	Handle in accordance with good industrial hygiene and safety practice.
Hygiene measures	Handle in accordance with good industrial hygiene and safety practice.
Storage Conditions	Keep in a dry, cool and well-ventilated place. Keep out of the reach of children. Store in accordance with local regulations.
Materials to avoid	Strong Oxidizing agents. Strong Acids. Strong Bases.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters **Exposure Limits**

COMPONENT	OSHA PEL mg/m³	ACGIH TLV mg/m³
Calcium Carbonate or Dolomite (limestone)	15 (T) 5 (R)	10 (T)
Mica	20 mppcf <1% Cyrstalline Silica	3 (R)
Pyrophyllite	15 (T) 5 (R)	10 (T) 3 (R)
Kaolin Clay	5 (R)	2 (R)
Crystalline Silica[1]	[(10) / (%SiO2+2)] (R) [(30) / (%SiO2+2)] (T)	TWA: 0.025 mg/m3

T - Total Dust **R** - Respirable Dust **1** - Present as an impurity in raw materials **NE** - None Established ***mppcf*** **-** million particles per cubic foot

8.2 APPROPRIATE ENGINEERING CONTROLS

Engineering Measures *Ensure adequate ventilation, especially in confined areas.*

8.3 INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

A NIOSH approved particulate respirator is recommended in poorly ventilated areas or if the PEL/TLV is exceeded. OSHA's 29 CFR 1910.134 (Respiratory Protection Standard) must be followed whenever work conditions require respirator use.

EYE/FACE PROTECTION
Safety glasses or goggles.

SKIN AND BODY PROTECTION
Gloves, protective clothing and/or barrier creams may be utilized if conditions warrant.

RESPIRATORY PROTECTION
Recommended: disposable particulate mask. Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposures levels, the hazards of the product and the safe working limits of the selected respirator. No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

HYGIENE MEASURES
See *section 7* for more information

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical State: Dry Powder

Appearance/Color: White to light gray powder

Odor: Odorless

Odor threshold: Not available

pH: 8-9

Melting point/freezing point: >1300° C (2372 ° F)

Initial boiling point and boiling range: Not Available

Flash point: Not available

Evaporation rate: Not available

Flammability (solid, gas): Not flammable

Upper/lower flammability or explosive limits: Not available

Vapor pressure: Not available

Vapor density: Not available

Relative density: Not applicable

Specific Gravity: 2.3-2.6

Solubility(ies): No data available

Partition coefficient: n-octanol/water: Not available

Auto-ignition temperature: Not available

Decomposition temperature: No data available

Viscosity: Not available

Explosive Properties: No data available

Oxidizing properties: No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. **Reactivity:** This product is non-reactive under normal conditions of use, storage, and transport.

10.2 Chemical stability: Stable under normal conditions.

10.3 Possibility of hazardous reactions: None known under normal conditions of use.

10.4 Conditions to avoid (e.g., static discharge, shock, or vibration): None known under recommended storage and handling conditions (see section 7).

10.5 Incompatible materials: No additional information available

10.6 Hazardous decomposition products: None known. Above 825 ° C limestone ($CaCO_3$) decomposes to calcium oxide (CaO) and carbon dioxide (CO_2).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS/INFORMATION ON LIKELY ROUTES OF EXPOSURE

Acute Toxicity

KAOLIN CLAY: oral LD50, rat: 149 g/kg (Federation of American Societies for Experimental Biology, 1977; as cited by Cosmetic Ingredient Review, 2003). Not sufficient for classification.

Irritation/Corrosion

CRYSTALLINE SILICA: Not irritating to the skin or eyes based on OECD 404 and 405 studies, respectively (EUROSIL, 2008).
KAOLIN CLAY: Not irritating to the skin or eyes based on OECD 404 and 405 studies, respectively (European Kaolin and Plastic Clays Association, 2005). Exposure to high levels of any dust may result in mechanical irritation of the respiratory tract, skin and eyes; not sufficient for classification.

Sensitization

Not Available.

Mutagenicity

Not Available.

Carcinogenicity

Conclusion/Summary

CRYSTALLINE SILICA: Silica dust, crystalline, in the form of quartz is classified by IARC as Group 1 (carcinogenic to humans) based on "sufficient evidence" in occupationally exposed humans and sufficient evidence in animals. Crystalline silica of respirable size is classified by the NTP as a known human carcinogen. In its 2013 Proposed Rule on respirable crystalline silica, "OSHA preliminarily concludes that the human data provides ample evidence that exposure to respirable crystalline silica increases the risk of lung cancer among workers", while NIOSH identifies various crystalline or fused silicas a potential occupational carcinogens. However, not all epidemiologic and animal studies have demonstrated a cancer association and some uncertainty exists concerning the cancer classification of crystalline silica. For example, in Europe, a recent review concludes that crystalline silica should not be classified as a carcinogen since silicosis of the lung is the key endpoint for classification (Morfeld, 2010).

Classification

Product/ingredient name	OSHA	IARC	NTP
Quartz	(a)	Group 1	Known to be a human carcinogen
Kaolin Clay (b)	-	-	-

(a) OSHA does not have a set list of carcinogens or potential carcinogens, but defers to the IARC and NTP classifications. For quartz, see OSHA's qualitative statement in text above.
(b) Classified by ACGIH as A4 (not classifiable as a human carcinogen).

Reproductive toxicity Not available.

Teratogenicity

KAOLIN CLAY: No fetal effects in rats in the absence of maternal toxicity (Patterson et al, 1977).

Specific target organ toxicity (single exposure) Not Available
Specific target organ toxicity (repeated exposure) Not Available

KAOLIN CLAY: Inhalation of respirable kaolin clay dust can cause kaolinosis, a form of pneumoconiosis.
CRYSTALLINE SILICA: Inhalation of respirable crystalline silica dust can cause silicosis, a form of progressive pulmonary fibrosis.
High levels of exposure to any dust may aggravate pre-existing respiratory conditions.

Aspiration Hazard Not available.

Information on the likely routes of exposure Routes of Entry anticipated: Oral, Inhalation

Potential chronic health effects

General	Excessive exposure to any dust may aggravate pre-existing respiratory conditions
Carcinogenicity	May cause cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	No known significant effects or critical hazards.
Teratogenicity	No known significant effects or critical hazards.
Developmental effects	No known significant effects or critical hazards.
Fertility effects	No known significant effects or critical hazards.

Numerical measures of toxicity
Acute toxicity estimates Not Available
Other Information Not Available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity (Ecology) This product does not present an ecological hazard to the environment.
12.2 Persistance and degradability No additional information available
12.3 Bioaccumulative potential No additional information available
12.4 Mobility in soil No additional information available
12.5 Other adverse effects No additional information available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 DISPOSAL METHODS: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: TRANSPORT INFORMATION

DOT: In accordance with DOT. Not regulated as dangerous goods.
IATA: Not regulated as dangerous goods.
IMDG: Not regulated as dangerous goods.
ICAO/IATA/IMO: Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not Applicable
Shipping Name: Same as product name

SECTION 15: REGULATORY INFORMATION

15.1 U.S. Federal Regulations

SARA Title III: Not listed under Sections 302, 304, and 313. This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Kaolin (1332-58-7) Listed on the United States TSCA (Toxic Substances Control Act) inventory
Quartz (14808-60-7) Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2 Pesticide Information Not Applicable

15.3 U.S. State Regulations

California Proposition 65: Respirable crystalline silica (Quartz) (14808-60-7) is known to the state of California to cause cancer. Industrial hygiene monitoring during recommended use of this product failed to identify any respirable crystalline silica.

KAOLIN
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - New Jersey - Right to Know Hazardous Substance List

Quartz
U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations
U.S. - New Jersey - Right to Know Hazardous Substance List

15.4 CANADA Regulations

Kaolin (1332-58-7) Listed on the Canadian DSL (Domestic Substances List)
Quartz (14808-60-7) Listed on the Canadian DSL (Domestic Substances List)

California residents: WARNING: Cancer and Reproductive Harm
www.prop65Warnings.ca.gov
NOT LABELED FOR INDIVIDUAL SALE

SECTION 16: OTHER INFORMATION

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Version # 01
Further Information Crystalline Silica: Raw materials in this product may contain respirable crystalline silica.
Exposures to respirable crystalline silica are not expected during the normal use of this product.
However, actual levels must be determined by workplace hygiene testing. Prolonged and repeated exposure to airborne free respirable crystalline silica can results in lung disease (i.,e. silicosis) and/or lung cancer.

KEY TO ABBREVIATIONS NFPA Ratings:
Health: 1
Flammability: 1
Physical Hazard: 0

Hazard Scale: 0=Minimal 1= Slight 2=Moderate 3=Serious 4=Severe
The customer is responsible for determining the PPE code for this material.

NFPA ratings

List of abbreviations references:

ACGIH	American Conference of Governmental Industrial Hygienists Chemical Abstract Services Number
CAS	Code of Federal Regulations
CFR	Department of Transportation
DOT	Environmental Protection Agency
EPA	High Efficiency Particulate Air
HEPA	Hazard Communications Standard
HCS	Hazardous Material Identification System
HMIS	International Agency for Research on Cancer
IARC	International Air Transport Association
IATA	International Civil Aviation Organization
ICAO	International Maritime Organization
IMO	National Institute for Occupational Safety and Health National Fire Protection Association
NIOSH	National Toxicology Program
NFPA	Occupational Safety and Health Administration Permissible Exposure Limit
NTP	Personal Protective Equipment
OSHA	Threshold Limit Value
PEL	Toxic Substance Control Act
PPE	Time Weighted Average
TLV	Workplace Hazardous Materials Information
TSCA T	
WA	
WHMIS	

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