

MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

MARBLE POLISHING COMPOUND

Date of Preparation: 1/1/07

Revision Date: 3/23/11

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **MARBLE POLISHING COMPOUND**

ID Number: MAJR040-01/10/25

Product Use/Class: Marble Polishing Agent

Manufactured for: M3 Technologies, Inc. Address: 57 Lamberts Lane, Cohasset, MA 02025

Contact: Chad Schmidt Telephone: 800-342-4533

EMERGENCY TELEPHONE: (CHEMTREC): 800-424-9300

SECTION 2 – COMPOSITION AND INFORMATION ON INGREDIENTS

| <u>Ingredient Name</u> | <u>CAS #</u> | <u>OSHA PEL</u> | <u>AGGIH TLV</u> | <u>Weight %</u> |
|------------------------|--------------|----------------------|----------------------|-----------------|
| Aluminum Oxide | 1344-28-1 | 400mg/M ₃ | 2.0mg/M ₃ | 20-30 |
| Potassium Oxalate | 583-52-8 | N/T | 1 mg/CU,M | 60-70 |

SECTION 3 – HAZARDS IDENTIFICATION

Potential Acute Health Effects

Causes eye irritation

Possible skin irritation

Hazardous Materials Identification System: Health 1 Flammability 0 Reactivity 0

Potential Health Effects

Eye Contact: Irritating. May injure eye tissue if not removed promptly.

Skin Contact: Irritating.

Ingestion: Toxic. Irritating to mouth, throat and stomach. May cause gastric tract disorder.

Inhalation: Mists are irritating to eyes and respiratory tract in high concentrations.

SECTION 4 – FIRST AID MEASURES

Eye Contact: Immediate flush eyes with plenty of cool water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention if irritation persists.

Skin Contact: Immediately flush skin with plenty of water, and soap if available. Remove contaminated clothing and shoes. Wash clothing and shoes before reuse. Get medical attention if irritation develops.

Ingestion: If swallowed, do not induce vomiting. Dilute with several glasses of water. Get prompt medical attention. Do not give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. Get medical attention for any breathing difficulty.

SECTION 5 - FIRE AND EXPLOSION HAZARD DATA

Flash Point: Non-flammable

Flash Point Method: Non-flammable

Hazardous Combustion Products: Carbon monoxide and carbon dioxide.

Firefighting Procedures: Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire if it can be done with no danger to personnel.

LEL: NA

UEL: NA

pH: NA

Burning Rate: NA

Autoignition Temperature: NA

Flammability Classification: NA

Extinguishing Media: NA

Unusual Fire or Explosion Hazards: NA

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Initial Actions: Sweep up and place in proper waste disposal container.

Waste Disposal Method: Dispose of in accordance with state and local regulations. Precautions to be taken in handling and storing. Store in cool, dry place.

Other Precautions: Keep out of reach of children. Follow directions on the container for proper use of this product.

SECTION 7 - SAFE HANDLING AND STORAGE

Handling Precautions: Avoid contact with skin and clothing. Avoid inhaling dust.

Storage Requirements: Keep container closed when not in use. Store material in a dry, cool place. Do not handle or store near an open flame, heat or other sources of ignition.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs (Sec. 2).

Administrative Controls: Keep container closed when not in use. Avoid creating dust conditions.

Respiratory Protection: NIOSH approved HEPA respirator if overexposure potential exists. Respiratory protection must provide the appropriate protection factors based on exposure levels. Respirator use by employees is regulated by OSHA under 29CFR1910.134.

Protective Clothing/Equipment: Wear appropriate gloves to avoid direct skin contact. Goggles are recommended to prevent direct eye contact. Protect open wounds.

Other Precautions: Do not eat or drink while using this compound, and keep out of reach of children and animals.

SECTION 9 - PHYSICAL and CHEMICAL PROPERTIES

Physical State: Paste

Appearance: Beige/Granular

Odor: Slight

pH: 3

Vapor Pressure: NA

Boiling Point: NA

Odor Threshold: ND

Freezing Point: ND

Water Solubility: Slight

Specific Gravity: 1.43

Viscosity: ND

Melting Point: 101.5°F

Density: NA

Evaporation Rate: NA

SECTION 10 – STABILITY and REACTIVITY DATA

Stability: Stable at room temperature in closed containers under normal storage and handling conditions. Do not expose to high temperatures (>100°F/ 212°C).

Polymerization: None

Conditions to avoid: None known

Hazardous Decomposition Products: May liberate carbon monoxide/dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Data:*

Oral Effects: The aluminum oxide component of this product is not readily absorbed through the intestinal tract and no LD₅₀ has been established.

* See NIOSH, RTECS (BD1200000), for additional toxicity data for aluminum oxide.

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity: None known.

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal: Collection in containers, bags, or covered dumpster boxes. Used or unused material should be disposed of at a hazardous waste collection center for household use. Do not dispose spilled material down drains, storm sewers, or natural waterways.

Disposal Regulatory Requirements: Follow applicable federal, state and local regulations for disposal.

SECTION 14 – TRANSPORT INFORMATION

Shipping Name: ND
Shipping Symbols: ND
Hazard Class: ND
ID No: ND
Packing Group: ND
Label: ND
Special Provisions (172.102): ND

Packaging Authorizations:
a) Exceptions:
b) Non-bulk Packaging:
c) Bulk Packaging:

Quantity Limitations:
a) Passenger, Aircraft or Railcar:
b) Cargo Aircraft Only:

Vessel Stowage Requirements:
a) Vessel Stowage:
b) Other:

U.S. Domestic (Land, D.O.T.) This product is not hazardous material as defined by U.S. DOT regulations.

SECTION 15 –REGULATORY INFORMATION

United States:

SARA Title III (Superfund Amendments and Reauthorization Act)

Fire – No Pressure – No Reactivity – No Acute – No Chronic – No

SARA 311/312 Hazard Categories: This product is classified into the hazards listed above.

SARA Toxic Chemical (40CFR382.65): Not listed.

SARA EHS (Extremely Hazardous Substance) (40CFR355): Not listed.

CERCLA (Comprehensive Response, Compensation and Liability Act)

CERCLA Regulatory: If the reportable quantity of this product is accidentally spilled, the incident is subject to the provisions of CERCLA and must be reported to the National Response Center by calling 800-484-8802.

CERCLA Hazardous Substance (40CFR302.4): Not listed.

CERCLA Reportable Quantity: None

EPA Regulations

TSCA (Toxic Substances Control Act)

TSCA Status: Components of this product are listed on the TSCA inventory.

RCRA Hazardous Waste Number: Not listed.

RCRA Hazardous Waste Classification (40CFR261.): Not classified.

CA Proposition 65 List: NA

PA Right to Know: NA

OSHA Regulations: Air contaminant (29CFR1910.1000, Table Z-1): Alpha Alumina Total Dust (10mg/m³) and Respirable Dust (10 mg/m³).

Canada Domestic Substance List: All of the ingredients intentionally added to this product are listed on the DSL.

Canada WHMIS: Class E

SECTION 16 – OTHER INFORMATION

Disclaimer: No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is to the best of our knowledge and believe accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the used of this product. All chemical present unknown health hazards and should be used with caution. The information and recommendations contained herein are presented in good faith and are supplied pursuant to 29 CFR 1910.1200. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damage so any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Further, it is the direct responsibility of the user to comply with all applicable Federal, state and local regulations governing the use and disposal of this material.

NA = Not Applicable

ND = Not Determined