

MATERIAL SAFETY DATA SHEET

SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **STONE HONING POWDER** (grits 150,250,400,800,1800) ID #: **MAJR10150-11800** PRODUCT USE/CLASS: POLISHING POWDER

MANUFACTURED FOR: M3 Technologies, Inc., 57 Lamberts Lane, Cohasset, MA 02025

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PREPARER: Regulatory Department

PREPARE DATE: 12-15-09

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SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NUMBER	ACGIH-TLV	OSHA PEL	OTHER
Alpha Alumina Al ₂ O ₃	1344-28-1	10mg/m3	15mg/m3	Total Dust

SECTION III - PHYSICAL DATA

BOILING RANGE: N/A VAPOR PRESSURE: N/A VAPOR DENSITY: N/A SOLUBILITY IN H₂O: Insoluble
VOLATILE BY VOLUME: N/A APPEARANCE: White Granular ODOR: Odorless SPECIFIC GRAVITY: 3.95
ACIDITY: 6-7 ph EVAPORATION RATE: N/A MELTING POINT: 2040°F

(See Section XI for abbreviation legend)

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: N/A FLAMMABLE LIMITS: LEL: N/A DEL: N/A
(Tagliabue Closed Cup)
EXTINGUISHING MEDIA: Not flammable
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
SPECIAL FIREFIGHTING PROCEDURES: None required

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: Nasal
EFFECTS OF OVEREXPOSURE - EYE CONTACT: Irritation and tearing
EFFECTS OF OVEREXPOSURE - SKIN CONTACT: None Recognized. This product may cause allergic skin reactions in sensitive individuals. Irritation.
EFFECTS OF OVEREXPOSURE - INHALATION: Lung irritation may be evidenced by shortness of breath.
EFFECTS OF OVEREXPOSURE - INGESTION: Large quantities upsetting to gastrointestinal tract.
EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: None known.
FIRST AID - EYE CONTACT: Flush with water 15 minutes, lifting eyelids.
FIRST AID - SKIN CONTACT: Wash with soap and water.
FIRST AID - INHALATION: Move to fresh air.
FIRST AID - INGESTION: Do not induce vomiting. Drink large amounts of water.
LISTED AS CARCINOGEN: No
HAZARDOUS MATERIALS IDENTIFICATION SYSTEM: Health 0 Flammability 0 Reactivity 0 Contact 0

SECTION VI - REACTIVITY DATA

HAZARDOUS DECOMPOSITION PRODUCTS: None known.
CONDITIONS TO AVOID: None known. INCOMPATIBILITY: None known.
HAZARDOUS POLYMERIZATION: Will not occur under normal conditions. STABILITY: Stable

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Uncontaminated material may be scooped up for use. If contaminated, scoop or vacuum into a receptacle for disposal.
WASTE DISPOSAL METHOD: Dispose in accordance with appropriate federal, state and local regulations

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: No Information.
VENTILATION: LOCAL EXHAUST: Normal dust collector
MECHANICAL: N/A
SPECIAL: N/A
PROTECTIVE GLOVES: N/A
EYE PROTECTION: Safety glasses or goggles
OTHER PROTECTIVE EQUIPMENT: N/A
SPECIAL PROTECTIVE MEASURES FOR REPAIR AND MAINTENANCE OF CONTAMINATED EQUIPMENT: N/A
HYGENIC PRACTICES: Wash after each use.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use with commonly accepted industrial safety procedures. Avoid ingestion, inhalation of dust, exposure to eyes or prolonged contact with skin.

SECTION X – STABILITY AND REACTIVITY

STABILITY: Stable
CONDITIONS TO AVOID: None
INCOMPATIBILITY (Materials to Avoid): None
HAZARDOUS DECOMPOSITION PRODUCTS: None
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION XI – TOXICOLOGY INFORMATION

ACUTE TOXICITY: This product has not been evaluated for its acute toxicology profile.
CHRONIC TOXICITY: This product has not been evaluated for its chronic toxicology profile.
CARCINOGENICITY: This product does not contain a listed carcinogen from NTP, ACGIH or IARC.
IRRITATION: This product can be expected to be a skin and eye corrosive. No skin sensitization data is currently available.

SECTION XII – ECOLOGY INFORMATION

The ecological toxicity of this product is not known.

SECTION XIII – DISPOSAL CONSIDERATIONS

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Uncontaminated material may be scooped up for use. If contaminated, scoop or vacuum into a receptacle for disposal.
WASTE DISPOSAL: Material that cannot be used according to label directions and is destined for disposal should be disposed of in accordance with all applicable regulations. Empty containers should be triple rinsed and offered for recycling or reconditioning or disposed of in a sanitary landfill or small containers (1 gallon or less), may be wrapped and discarded in trash. Note: State and local regulations may be more stringent than Federal regulations.

SECTION XIV – TRANSPORTATION INFORMATION

Shipping Name: ND	Packaging Authorizations:	Quantity Limitations:
Shipping Symbols: ND	a) Exceptions:	a) Passenger, Aircraft or Railcar:
Hazard Class: ND	b) Non-bulk Packaging:	b) Cargo Aircraft Only:
ID No: ND	c) Bulk Packaging:	
Packing Group: ND		Vessel Stowage Requirements:
Label: ND		a) Vessel Stowage:
Special Provisions (172.102): ND		b) Other:
U.S. Domestic (Land, D.O.T.) This product is not hazardous material as defined by U.S. DOT regulations.		

SECTION XV – REGULATORY INFORMATION

EPA Regulations:
RCRA Hazardous Waste Number: Not listed.
RCRA Hazardous Waste Classification (40CFR261.): Not classified.
CERCLA Hazardous Substance (40CFR302.4): Not listed.
CERCLA Reportable Quantity: None
SARA Toxic Chemical (40CFR382.65): Not listed.
SARA EHS (Extremely Hazardous Substance) (40CFR355): Not listed.
CA Proposition 65 List: NA
PA Right to Know: NA
Canada Domestic Substance List: Ingredients in this product are listed on the DSL.
Canada WHMIS: Class E

SECTION XVI – 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.

NE = Not Established

NA = Not Applicable

ND = Not Determined