

MATERIAL SAFETY DATA SHEET
U.S. DEPARTMENT OF LABOR - OSHA'S HAZARD COMMUNICATION STANDARD
(Utilized to comply with 29 CFR § 1910.1200)

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

Product Name: **HONEX HONING POWDER**

Product Use: Honing Marble Surfaces

Date Prepared: September 1998

Date of Latest Revision: November 2001

DOT Hazard Class: Non-Regulated

H.M.I.S. Rating

1 Health

0 Fire

0 Reactivity

B Maximum Personal
Protection

Rating Key

4=Extreme

3=High

2=Moderate

1=Slight

0=Insignificant

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24-Hour Response for Medical & Spill Emergencies: 1-800-535-5053

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>Chemical Identity</u>	<u>CAS No.</u>	<u>%</u>	<u>PEL (OHSA)</u>	<u>TLV (ACGIH)</u>
Aluminum Oxide (Non-Fibrous)	1344-28-1	90%	10mg/m3	15 Total, 5 respirable mg/m3 (Note TLV=TWA in mg/m3)

SECTION 3 - PHYSICAL/CHEMICAL CHARACTERISTICS

Color: White	Odor: Odorless	Physical State: Powder	PH: 8-10	Boiling Point: Undetermined	Melting Point: 2,000°C
Freezing Point: (100 g/l @20 deg C)		Vapor Pressure (mm HG): N.A.	Vapor Density (20deg C): 2.7- 3.8 g/cm3		Specific Gravity: N.E
Solids Content: 100%		Evaporation Rate (Water=0.3): N.A.	Solubility in Water: Insoluble		Auto Ignition: Not self igniting.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.	Flammable Limits: N.A.	LEL: N.A.	UEL: N.A.	<i>* This product is not flammable and will not explode.</i>
Hazardous Combustion Products: N.A.				
Suitable Extinguishing Agents: * Use fire fighting measures that suit the environment.			Extinguishing Media: N.A.	
Special Fire Fighting Procedures: None			Unusual Fire and Explosion Hazards: None	
Protective Equipment: Wear self-contained respiratory protective device. Wear fully protective suit.				

SECTION 5 - REACTIVITY DATA

Chemical Stability: (Stable) YES	Incompatibility (Materials to Avoid): N.A.	Dangerous Reactions: Heating occurs when water is added.
Hazardous Decomposition of ByProducts: None Known		Hazardous Polymerization: Will not occur
Conditions to avoid: None Known		

SECTION 6 - HEALTH HAZARD DATA DATA/TOXICOLOGICAL PROPERTIES

Routes of Entry: Inhalation, Skin absorption Toxicologically Synergistic Products: None Known
Medical Conditions Aggravated by Exposure: Asthma, chronic lung disease, and skin rashes.
Signs and symptoms of Exposure: Skin irritation, Dizziness, Headache, Nausea. Dust or fume can be irritating to yes, skin, and upper respiratory tract.
Alumina is a low health risk by inhalation and should be treated as a nuisance dust as specified by the ACGIH.

EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):

Eyes: Can cause mild irritation, especially when wet.
Skin: Prolonged or repeated contact may cause irritation.
Ingestion: Can cause mild irritation.
Inhalation: Can cause mild upper respiratory tract irritation.

EMERGENCY FIRST AID PROCEDURES - NOTES TO PHYSICIANS

Eyes: Flush thoroughly with water for at least 15 minutes; Seek medical attention if irritation occurs or persists
Skin: Wash with soap and water for 15 minutes; rinse thoroughly; Seek medical attention if symptoms develop or persist.
Inhalation: Remove victim from area of exposure and into fresh air. Check for clear airway, breathing, and presence of pulse. As warranted or necessary and if qualified individual is in attendance, provide cardiopulmonary resuscitation or respiratory assistance with the administration of oxygen. Seek medical attention.
Ingestion: (NEVER GIVE FLUIDS BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON) Do not induce vomiting. If swallowed, dilute by drinking large amounts of water and seek medical attention.

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SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Storage Requirements: Store in dry area.

Steps To Be Taken If Material Is Spilled Or Released: Wear proper protective equipment. Clean up using dry procedures; avoid dusting. Pick up mechanically and ensure adequate ventilation. Collect spilled material in plastic containers, bags, or covered dumpster boxes. If reuse or recycling is not possible, material may be disposed of at an industrial landfill.

Waste Disposal: Generally not hazardous for water. Do not dispose of to drain. Dispose of per local, state and federal regulations.

SECTION 8 – CONTROL MEASURES

Respiratory Protection: Use HEPA respirator if required to maintain exposure levels below TLV's. Do not inhale dust.

Protective Gloves: Impervious Gloves.

Protective Clothing and Equipment: Lab coat/uniform apron. Use waterproof boots when compound is wet.

Ventilation: Good ventilation/Local Exhaust: (Prevent formation of dust.) Preferred Mechanical: If adequate to maintain below TLV's. Provide suction extractors if dust is formed.

Eye Protection: Goggles. Avoid contact with the eyes.

Work and Hygienic Practices: Do not eat or drink while using this compound.

Other Requirements: *Keep out of the reach of children and animals.*

SECTION 9 – DOMESTIC & INTERNATIONAL SHIPPING INFORMATION: NON-REGULATED / NON-HAZARDOUS

Domestic Transportation Information

DOT Shipping Name: N.A.

DOT Hazard Class: N.A.

UN/NA Number: N.A.

Packing Group Number (PG): N.A.

International Transportation Information: SAME AS ABOVE

Shipping Name: IMDG Page Number: N.A.

Hazard Class: EmS Number: N.A.

UN Number: MFAG Table No: N.A.

Packing Group Number (PG):

SECTION 10 – REGULATORY INFORMATION:

TSCA: N.A.

CERCLA: N.A.

SARA TITLE III (311/312 Hazard Categories): N.A.

SARA TITLE III (313 Reportable Ingredients): Product mixture DOES NOT contain any components that are subject to this reporting requirement

CALIFORNIA PROPOSITION 65: N.A.

EPA HAZARD WASTE CLASSIFICATION: N.A.

*** THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE TO US (INCLUDING THAT PROVIDED BY THE MANUFACTURER) AND IS BELIEVED TO BE CORRECT. THE INFORMATION RELATES TO THIS SPECIFIC PRODUCT – IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. HOWEVER, STONE CARE INTERNATIONAL, INC. (SCI) MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF. SUCH DATA ARE OFFERED SOLELY FOR CONSIDERATION, INVESTIGATION AND VERIFICATION. IT IS THE USER'S RESPONSIBILITY TO SATISFY ONESELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS/HER OWN PARTICULAR USE. SCI ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

(Abbreviation Key: N.A. = Not Applicable, N.E. = Not Established, N.D. = Not Determined, * Where no corresponding data was contained in the manufacturer's MSDS, additional research is required and may be obtained upon request)