



TECHNICAL ASSISTANCE CORPORATION

## Safety Data Sheet

Revision Date: 3/15/2015

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product Name: Satin Hone Powder  
 Product Code: VMCSTH  
 Product Use: Natural Stone Polishing  
 Manufacturer: Mar-Tek Industries  
 Address: 301 Industrial Drive, Forney Texas 75126  
 Phone: (214) 350-9401  
 Emergency Telephone No.: ChemTel Inc. (800) 255-3924 and +I(813) 248-0573

## SECTION 2: Hazards Identification

OSHA Hazards: None  
 Target organs: None  
 Signal word: None  
 Pictogram: None

GHS Classification: The substance does not meet the criteria for classification

GHS Label elements, including precautionary statements:

Hazard statements: None

Precautionary statements:

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray

P280 Wear protective gloves, eye and face protection.

P285 In case of inadequate ventilation wear respiratory protection

P305+351+338- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+352- IF ON SKIN: Wash soap and water.

Supplemental hazard statements: None

Other information: Prolonged or excessive contact may cause irritation of the respiratory tract.

## SECTION 3: Composition/Information on Ingredients

Chemical Name	Common Name	CAS No.	Content
Aluminum Oxide	Calcined Alumina	344-28-1	99%

## SECTION 4: First aid measure

*Description of first aid measures***General Advise:** Consult physician. Show this safety data sheet to the doctor in attendance.**If inhaled:** If breathed in, move the affected person into fresh air. Consult physician if necessary.**In case of skin contact:** Wash with soap and water for at least 15 minutes. Get medical attention if irritation develops or persists.**In case of eye contact:** Rinse thoroughly with plenty of water for at least 15 minutes and consult physician.**If swallowed:** If swallowed, rinse mouth. DO NOT induce vomiting.**Most important symptoms and effect, both acute and delayed:** No information is currently available.

**SECTION 5: Fire-fighting measures**

**Suitable extinguishing media:** Product itself is non-combustible. Use extinguishing media appropriate for surrounding fire.  
**Special protective measure:** Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.  
**Specific hazards arising from the chemical:** None  
**Further information:** This product itself does not burn.

**SECTION 6: Accidental release measures**

**Personal precaution, protective equipment and emergency procedures:** Avoid contact with skin and eyes. Avoid generating dust.  
**Environmental precautions:** No environmental precautions required.  
**Methods and materials for containment and cleaning up:** Recover product and place into appropriate containers for disposal or recycling. Use of vacuum device is preferable if available, otherwise by broom and shovel.

**SECTION 7: Handling and storage**

**Precaution for safe handling:** Avoid generating dust. Avoid contact with skin and eyes. Use adequate ventilation when dust is present. Wet alumina should not be added to an aluminum reduction cell.  
**Conditions for safe storage, including any incompatibilities:** Keep material dry and in closed containers when possible. Material is incompatible with ethylene oxide and chlorine tri fluoride.

**SECTION 8: Exposure controls/personal protection**

Engineering controls: Use adequate ventilation in confined spaces.  
 Occupational exposure controls:

Component	Exposure Limit	Basis	Entity
Aluminum Oxide	15mg/m <sup>3</sup> (total dust)	PEL	OSHA
	mg/m <sup>3</sup> (respirable fraction)	TLV	ACGIH

**Personal protective equipment**

**Eye/face protection:** Wear safety glasses with side shields. Use tight fitting goggles if excessive levels of dust are generated.  
**Skin:** Wear gloves and long sleeve shirts to avoid skin irritation or injury.  
**Inhalation:** Avoid inhaling the dust. In case of concentrations above exposure limits, suitable certified respirator must be worn.  
**General hygiene consideration:** Use proper industrial hygiene practices to minimize hazardous exposure. Wash hands after handling this material before and after eating and smoking.

**SECTION 9: Physical and chemical properties**

Appearance  
 Physical state: Crystalline  
 Color: Off white  
 Odor: None  
 Odor threshold: Not applicable  
 pH: Not applicable  
 Melting point/freezing point: Not determined  
 Initial boiling point/boiling range: Not available  
 Flash point: Not applicable  
 Evaporation rate: Not available  
 Flammability (solid, gas) Not flammable  
 Upper/Lower flammability or explosive limits

Flammability limit-lower (%):	Not flammable or explosive
Flammability limit-upper (%):	Not flammable or explosive
Vapor pressure:	0
Vapor density:	Not applicable
Solubility (ies):	Slight
Specific gravity:	Not determined
Partition coefficient	
(n-octanol/water):	Not available
Auto-ignition temperature:	Not flammable
Decomposition temperature:	Not available

**SECTION 10: Stability and reactivity**

**Chemical stability:** Stable under normal conditions of use, storage and transportation.  
**Possibility of hazardous reactions:** No data available  
**Condition to avoid:** No data available  
**Incompatible materials:** Ethylene oxide and chlorine trifluoride  
**Hazardous decomposition:** Will not occur

**SECTION 11: Toxicological information**

Information on likely route and sign and symptoms of exposure

Acute toxicity:	LD50 Oral-rat-5000mg/kg
Inhalation:	LC50=7.6mg/L (rat)
Dermal:	Conclusive but not sufficient for classification
Chronic toxicity	Damage to organs: None
Teratogenicity:	Not available
Mutagenicity:	Not available
Embryotoxicity:	Not available
Specific target organ toxicity:	None
Acute toxicity	
Skin:	Not corrosive (rabbit)
Eyes:	Not available
Respiratory:	Not available
Ingestion:	Not available

Potential health effect

Eyes	Can cause mild irritation.
Inhalation	Can cause mild irritation of the upper respiratory tract.
Skin	Can cause mild irritation.
Ingestion	Can cause mild irritation.

Carcinogenicity

IARC	Not classified as to its carcinogenicity to human.
ACGIH	No component of this product presents at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by ACGIH.
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**SECTION 12: Ecological information**

Ecotoxicity

This material is not expected to be harmful to aquatic life	
Persistence and degradability	Not available
Bio-accumulative potential	Not available
Mobility in soil	Not available
PBT and vPVB Assessment	Not available
Other adverse effects	Not available

**SECTION 13: Disposal consideration**

**Waste disposal method:** Reuse or recycle material whenever possible. If reuse or recycling is not possible, disposal must be made according to local and government regulation.

**Waste code:** RCRA status, not regulated by US federal. If “as is”. RCRA waste codes other than described here may apply depending on use of the product. Status must be determined at the point of waste generation. Refer to 40CFR261 or state equivalent in the US.

**SECTION 14: Transportation information**

US Department Of Transportation

Shipping Name: Not regulated  
 Hazard Class: None  
 UN Number: None  
 Packaging Group: None  
 Label statement: None

**SECTION 15: Regulatory information**

TSCA inventory status	All ingredients are listed on the TSCA inventory
DSCL (EEC)	All ingredients are listed on the DSCL inventory
California proposition 65	Not listed
Massachusetts Right to Know Act	Listed
New Jersey Right to Know Act	Listed
Pennsylvania Right to Know Act	Listed
Minnesota Right to Know Act	Listed
SARA 302	Not listed
SARA 304	Not listed
SARA 311	Immediate Acute
SARA 312	Immediate Acute
SARA 313	Not listed
WHMIS Canada	Not listed

**SECTION 16: Other information**

Revision Date: 3/15/15 **TECHNICAL ASSISTANCE CORPORATION**

Revision was made in sections: General revision

NFPA Ratings

Health 1  
 Flammability 0  
 Reactivity 0

HMIS Ratings

Health 1  
 Flammability 0  
 Reactivity 0

**Disclaimer:** Mar-Tek industries provide the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This documentation is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product.

-----END OF SDS-----