

Modern Stone Technologies – MSDS | Honing powders

Section [1] Product Identification

Product name: Modern Stone Technologies Honing powders
Produced by: Modern Stone Technologies, 2225 W. Pecos Rd. Suite 12, Chandler, AZ. 85224
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Section [2] Health Hazard Data

EMERGENCY OVERVIEW MAY CAUSE EYE IRRITATION. MAY CAUSE LUNG IRRITATION.

Potential Health Effects

Likely Routes of Exposure

Inhalation

Eye: Mild irritation. Symptoms may include discomfort or pain.

Skin:

Ingestion:

Harmful:

Inhalation: May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.

EFFECTS OF CHRONIC EXPOSURE

Target Organs: Not available.

Chronic Effects: Not available.

Carcinogenicity: Not available.

Chemical Listed as Carcinogen or Potential Carcinogen *

Mutagenicity: Not available.

Developmental Effects: Not available.

Teratogenicity: Not available.

Embryotoxicity: Not available.

Respiratory Sensitization: Not available.

Skin Sensitization: Not available.

Toxicologically Synergistic Materials: Not available.

Chronic Effects

Signs and Symptoms: Lung irritation may be evidenced by shortness of breath. Prolonged exposure may lead to pulmonary problems. Avoid dust from A/O 240 mesh & finer.

Medical Conditions Aggravated By Exposure:

Target Organs:

Potential Environmental Effects:

Section [3] Composition

Name :	CAS number	Wt. %
Alpha Alumina (Al2O3)	1344-28-1	>1

Section [4] Emergency First Aid Procedures

Eye Contact: Mild irritation Flush thoroughly with water.

Skin Contact: N/A

Inhalation: Nasal irritation, breathing difficulty. Remove victim from area of exposure; call physician if symptoms persist.

Ingestion: N/A

General Advice: N/A

Note to Physicians: N/A

Section [5] Fire & Explosion Data

Flammability: Not flammable.

Means of Extinction

Suitable Extinguishing Media:

Unsuitable Extinguishing Media:

Products of Combustion:

Explosion Data:

Sensitivity to Mechanical Impact:

Sensitivity to Static Discharge:

Protection of Firefighters:

Section [6] Accidental Release Measure

Personal Precautions: Use personal protection recommended in Section 8.

Environmental Precautions: None

Methods for Containment: Uncontaminated material may be scooped up for use.

If Contaminated scoop or vacuum into a receptacle for disposal.

Methods for Clean-Up: Vacuum or sweep material and place in a receptacle for disposal.

Other Information: Not available

Section [7] Handling & Storage

Handling: Wear proper protective equipment. Collect spilled material in plastic containers.

Storage: Store in dry place.

Section [8] Exposure Controls & Personal Protection

Product name: Alpha Alumina (Al2O3)

Exposure limits:

ACGIH TLV (United States).

OSHA-PEL (United States)

TWA:

10mg/m³

15mg/m³

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust) below recommended exposure limits.

Personal Protective Equipment

Dust mask: Goggles.

Eye/Face Protection: Goggles.

Hand Protection: N/A

Skin and Body Protection: N/A

Respiratory Protection: U.S. Bureau of Mines approved for dusts and pneumoconiosis.

General Hygiene Considerations: N/A

Section [9] Physical & Chemical Properties

Appearance: White granular powder.

Color: White

Odor: None.

Odor Threshold: Not available.

Physical State: Powder.

pH: 6-7

Viscosity: Not available.

Freezing Point: Not available.

Boiling Point: Not available.

Flash Point: Not available.

Evaporation Rate: Not available.

Lower Flammability Limit: Not available.

Upper Flammability Limit: Not available.

Vapor Pressure: Not available.

Vapor Density: Not available.

Specific Gravity: 3.95 g/cm³

Solubility in Water: Insoluble.

Coefficient of Water/Oil Distribution: Not available.

Auto-ignition Temperature: Not available.

Percent Volatile, wt. %: Not available.

VOC content, wt. %: Not available.

Section [10] Stability & Reactivity

Stability: Stable.

Conditions of Reactivity: N/A

Incompatible Materials: N/A

Hazardous Decomposition Products: N/A

Possibility of Hazardous Reactions: N/A

Section [11] Disposal consideration

Disposal Instructions: Use a sanitary landfill in accordance with local, State, and Federal regulations.

Section [12] Transport information

DOT Classification: Not available.

TDG Classification: Not available.

NOM-004-SCT2-1994 Classification: Not available.

Section [14] Regulatory Information

Federal Regulations

Canadian: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contain all the information required by the Controlled Products Regulations.

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200).

Mexico: MSDS prepared pursuant to NOM-018-STPS-2000.

SARA Title III Ingredient Section 302 (EHS) TPO(lbs.) Section 304 EHS RQ (lbs.) CERCLA RQ (lbs.) Section 313

Health 1

Flammability 0

Reactivity 0

Special 0

International lists: This product, (and its ingredients) is (are) listed on national inventories, or is (are) exempted from being listed, Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969)

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

OSHA (O)

ACGIH (G)

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen.

A5 - Not suspected as a human carcinogen.

IARC (I)

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N)

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

Section [14] Other Information

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.