

# Safety

## DATA SHEET



This SDS complies with 29 CFR 1919.1200  
(The Osha Hazard Communication Standard)

### 1. PRODUCT IDENTIFICATION

**1.1 TRADE NAME (AS LABELED):** Quartz Resurfacing System Step 3 (QRS-003)  
**SYNONYMS:** Step Three  
**CAS#:** Mixture  
**1.2 PRODUCT USE:** Stone Polish  
**1.3 MANUFACTURER'S NAME:** Alpha Professional Tools®  
**ADDRESS:** 16 Park Dr Ste 9, Franklin, N 07416  
**BUSINESS PHONE:** 800-648-7229  
**FAX NUMBER:** 800-286-0114  
**1.4 EMERGENCY PHONE NUMBER**  
**EMERGENCY PHONE #:** 1-201-337-3343  
**EMAIL:** info@alpha-tools.com  
**1.5 PREPARATION INFORMATION:**  
**DATE OF CURRENT REVISION:** May 10, 2024  
**DATE OF LAST REVISION:**

### 2. HAZARD IDENTIFICATION

#### EMERGENCY OVERVIEW:

**Product Description:** This product is white liquid with a characteristic odor.  
**Health Hazards:** This product is not hazardous.  
**Flammability Hazards:** This product is non-flammable.  
**Reactivity Hazards:** None known  
**Environmental Hazards:** The Environmental effects of this product have not been investigated. Release of this product is not expected to have significant adverse effects in the aquatic environment.

#### US DOT SYMBOLS

Non-Regulated Material

#### EUROPEAN and (GHS) Hazard Symbols

#### 2.1 CLASSIFICATION OF SUBSTANCE OR MIXTURE IN ACCORDANCE WITH 29 CFR 1200 (OSHA HCS) AND THE EUROPEAN UNION DIRECTIVES:

This product does not meet the definition of a hazardous substance or preparation as defined by 29 CFR 1910.1200 AND the European Union Council Directives (EC No 1272/2008) and subsequent Directives.

**EU HAZARD CLASSIFICATION OF INGREDIENTS PER DIRECTIVE 1272/2008/EC:**



**Index Number:**

EC# 231-791-2 This substance is not classified in the Annex VI of Directive (EC No 1272/2008)

EC# 296-473-8 This substance is not classified in the Annex VI of Directive (EC No 1272/2008)

EC# 613-156-5 This substance is not classified in the Annex VI of Directive (EC No 1272/2008)

Substances not listed either individually or in group entries must be self classified.

**Component(s) Contributing to Classification(s)**

All Components

**2.2 LABEL ELEMENTS:****GHS Hazard Classification(s):**

None

**Hazard Statement(s):**

None

**Precautionary Statement(s):**

None

**Response Statements:**

None

**Storage Statements:**

None

**Disposal Statements:**

None

**2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:****SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE:** None**INHALATION:** None known**CONTACT WITH SKIN:** None known**EYE CONTACT:** None known**INGESTION:** None known**CHRONIC:** None known**TARGET ORGANS:** None known**3. COMPOSITION AND INFORMATION ON INGREDIENTS**

Hazardous Ingredients:	WT%	CAS#	EINECS #
Water	50-70	7732-18-5	231-791-2
Kaolin	25-45	92704-41-1	296-473-8
Polydimethylsiloxane	2-5	63148-62-9	613-156-5

Balance of other ingredients is less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers).

**4. FIRST-AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES:****EYE CONTACT:** If product enters the eyes, open eyes while under gentle running water.**SKIN CONTACT:** Rinse skin.**INHALATION:** If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions. Seek medical attention.**INGESTION:** If product is swallowed, do not induce vomiting. Dilute with water.**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** None known**4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:**

Exposure to this product may cause irritation to skin and eyes. Inhalation of fumes/vapors may cause irritation to respiratory system. May be harmful if swallowed with digestive tract irritation, diarrhea and vomiting.

**4.3 RECOMMENDATIONS TO PHYSICIANS:** Treat symptoms and eliminate overexposure.

## 5. FIRE-FIGHTING MEASURES

### 5.1 FIRE EXTINGUISHING MATERIALS:

Water Spray: Yes

Foam: Yes

Halon: Yes

Carbon Dioxide: Yes

Dry Chemical: Yes

Other: Any "C" Class

### 5.2 UNUSUAL FIRE AND EXPLOSION HAZARDS:

Explosion Sensitivity to Mechanical Impact: No

Explosion Sensitivity to Static Discharge: No

### 5.3 SPECIAL FIRE-FIGHTING PROCEDURES:

Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

See section 8.2 for Exposure Controls.

### 6.2 ENVIRONMENTAL PRECAUTIONS:

Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

### 6.3 SPILL AND LEAK RESPONSE:

Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. Dispose of in accordance with U.S. Federal, State, and local hazardous waste disposal regulations and those of Canada and its Provinces, those of Australia, Japan and EU Member States (see Section 13, Disposal Considerations)

## 7. HANDLING AND STORAGE

### 7.1 PRECAUTIONS FOR SAFE HANDLING:

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

### 7.2 STORAGE AND HANDLING PRACTICES:

Keep in cool, dry, well-ventilated area in closed containers. Protect containers from physical damage

Incompatible products: none known

### 7.3 SPECIFIC USES

Polishing Stone

## 8. EXPOSURE CONTROLS – PERSONAL PROTECTION

### 8.1 Control Parameter:

#### Exposure Guidelines:

Chemical Name	CAS	OSHA	ACGIH
Kaolin	92704-41-1	5mg/m <sup>3</sup>	2mg/m <sup>3</sup>

### 8.2 Appropriate Engineering Controls:

Engineering Measure: None under normal use conditions.

Eye/Face Protection: None required for consumer use. Safety glasses with side shields are recommended for medical or industrial exposures.

Skin and Body Protection: No special protective equipment required

Respiratory Protection: None required under normal usage.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

**APPEARANCE (Physical State) and COLOR:** This product is a white

**ODOR:** Characteristic

**ODOR THRESHOLD:** Not Available

**pH** 7-9

**MELTING/FREEZING POINT:** Not Available

**BOILING POINT:** 210-215°F (98.89-101.67°C)

**FLASH POINT:** Not Available

**EVAPORATION RATE (n-BuAc=1):** Not Available

**FLAMMABILITY (SOLID, GAS):** Not Applicable

**UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS:** Not Applicable

**VAPOR PRESSURE (mm Hg @ 20°C (68°F):** Not Applicable

**VAPOR DENSITY:** Not Applicable

**RELATIVE DENSITY:** Not Applicable

**DENSITY:** Not Applicable

**SPECIFIC GRAVITY:** 1.00-1.20

**SOLUBILITY IN WATER:** Complete

**WEIGHT PER GALLON:** 8.35-8.55

**PARTITION COEFFICIENT (n-octanol/water):** Not Applicable

**AUTO-IGNITION TEMPERATURE:** Not Applicable

**DECOMPOSITION TEMPERATURE:** Not Available

**VISCOSITY:** Water

**VOC 0 g/l / Lb/gal: 0**

### 9.2 OTHER INFORMATION:

No additional information available.

## 10. STABILITY AND REACTIVITY

### 10.1 REACTIVITY:

This product is not reactive.

### 10.2 STABILITY:

Stable under conditions of normal storage and use.

### 10.3 POSSIBILITY OF HAZARDOUS REACTIONS:



Will not occur

**10.4 CONDITIONS TO AVOID:**

None known

**10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:**

None known

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon dioxide, carbon monoxide and phosphorous compounds.

## 11. TOXICOLOGICAL INFORMATION

### Information on Likely Routes of Exposure:

#### Product Information

Inhalation: There is no data available for this product

Eye Contact: There is no data available for this product

Skin Contact: There is no data available for this product

Ingestion: There is no data available for this product

#### Information on Toxicological Effects

Symptoms: No information available

#### Delayed and Immediate Effects as well as Chronic Effects from Short and Long Term Exposure

Sensitization: No information available

Mutagenic Effects: No information available

Carcinogenicity: Contains no ingredient listed as a carcinogen

Reproductive Toxicity: No information available

STOT – Single Exposure: No information available

STOT – Repeated Exposure: No information available

Chronic Toxicity: No known effect based on information supplied

Target Organ Effects: None known

Aspiration Hazard: No information available

## 12. ECOLOGICAL INFORMATION

### 12.1 TOXICITY:

No specific data available on this product.

### 12.2 PERSISTENCE AND DEGRADABILITY:

No specific data available on this product.

### 12.3 BIOACCUMULATIVE POTENTIAL:

No specific data available on this product.

### 12.4 MOBILITY IN SOIL:

No specific data available on this product.

### 12.5 RESULTS OF PBT AND PvB ASSESSMENT:

No specific data available on this product.

### 12.6 OTHER ADVERSE EFFECTS:

No specific data available on this product.

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

### 12.7 WATER ENDANGERMENT CLASS:

Water endangering in accordance with EU Guideline 91/155-EWG. Not determined

## 13. DISPOSAL CONSIDERATIONS

### 13.1 WASTE TREATMENT METHODS:

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

Contaminated Packaging: Dispose of in accordance with local regulations

**California Hazardous Waste Codes: 561**

### 13.2 EU Waste Code:

Not determined

## 14. TRANSPORTATION INFORMATION

US DOT, IATA, IMO, ADR:

U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS: This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation, as follows.

**14.1 PROPER SHIPPING NAME:** Non-Regulated Material

**14.2 HAZARD CLASS NUMBER and DESCRIPTION:** None

**14.3 UN IDENTIFICATION NUMBER:** None

**14.4 PACKING GROUP:** None

**14.5 DOT LABEL(S) REQUIRED:** None

**NORTH AMERICAN EMERGENCY RESPONSE GUIDEBOOK** None

**NUMBER:**

**14.6 MARINE POLLUTANT:** None of the components of this product are designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B).

### 14.7 SPECIAL PRECAUTIONS FOR USER:

Avoid exposure

### 14.8 INTERNATIONAL TRANSPORTION:

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFORMATION (IATA): This product is not considered as dangerous goods.

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not considered as dangerous goods.

### 14.9 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND IBC CODE:

EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY ROAD (ADR): This product is not considered by the United Nations Economic Commission for Europe to be dangerous goods.

## 15. REGULATORY INFORMATION

### International Inventories

TSCA: Complies

(United States Toxic Substances Control Act Section 8(b) Inventory)

DSL: Complies

(Canadian Domestic Substances List/Non-Domestic Substances List)



U.S. Federal Regulations

SARA 313: Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard: No

Chronic Health Hazard: No

Fire Hazard: No

Sudden Release of Pressure Hazard: No

Reactive Hazard: No

Clean Water Act: This product does not contain any substances regulated as pollutants pursuant to The Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA: This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

U.S. State Regulations:

California Prop 65: This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations: This product does not contain any substances regulated by state right-to-know regulations.

U.S. EPA Label Information EPA Statement: Not applicable

**16. OTHER INFORMATION**

**NFPA:** Health Hazard: 1 Flammability: 0 Instability: 0

**HMIS:** Health Hazard: 1 Flammability: 0 Physical Hazard: 0

**PREPARED BY:** Matt Villa

**DATE OF PRINTING:** April 11, 2024

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of the need that information is current, applicable and suited to the circumstances of use. Alpha Professional Tools® assumes no responsibility for injury to vendee or third party person proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, Alpha Professional Tools® assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed.

**END OF SDS SHEET**