



# SAFETY DATA SHEET (SDS)

Prepared in accordance with OSHA Hazard Communication Standard (29 CFR 1910.1200) and GHS

Current version: 1.0.1 – dated March 16 2026

## Section 1: Identification

**Product Name:** Soapstone

**Brand:** Uniweld Products Inc.

**Product Type:** Solid Soapstone Marking Sticks

**Part Numbers:** SSFLAT-004286 (5"L x 1/2"W x 3/16"H) , SSRD-004287 (5"L x 1/4" O.D.)

**Recommended Use:** Welding layout marking, metal fabrication marking, steel layout marking

**Restrictions on Use:** Product is not intended for grinding, machining, or processing that generates respirable dust.

**Distributor:** Uniweld Products, Inc

2850 Ravenswood Road

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Tel: +1 (954) 584-2000

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**Manufacturer :** GLF Soapstone Factory

Hong Kong

**Emergency Telephone Numbers:** USA and Canada – CHEMTREC (800) 424-9300

Outside USA and Canada – CHEMTREC +1(703) 527-3887

## Section 2: Hazard(s) Identification

**Hazard Classification:** GHS Classification (Global Harmonized Standard Classification)

Carcinogenicity Category 1A (H350)

Solid products are not classified as hazardous under normal conditions of use.

Dust generated from grinding, cutting, or breakage may contain respirable crystalline silica.

**Signal Word(s):** Danger

**Hazard Classification:** STOT(Specific Target Organ Toxicity) RE Category 1 (Respirable crystalline silica)

**Hazard Statement:** Danger! Lung Injury and Cancer Hazard

H372 – Causes damage to lungs through prolonged or repeated inhalation of respirable crystalline silica dust.

H350 – May cause CANCER (inhalation)

H335 – May cause respiratory irritation

**Pictograms:**



Category 3 (Respiratory tract irritation) (H335)



Categories 1A (Carcinogenicity)(H732)

### Section 3: Composition/ Information on Ingredients

This product consists primarily of naturally occurring soapstone minerals.

Composition	CAS# / EINECS#	Estimated % by Wt.	EU Class
Talc	CAS: 14807-96-6 EINECS: 207-439-9	40-70	(67/548/EEC) Xi R36/37/38
Crystalline Silica as quartz	CAS: 14808-60-7 EINECS: 238-878-4	<5	(67/548/EEC) Xn R48/20
Feldspar	CAS: 68476-25-5 EINECS: 270-666-7	0-15	(67/548/EEC) Non-Haz (by Directive)
Biotite	CAS: 12001-26-2 EINECS: 215-479-3	0-5	(67/548/EEC) Xi R36/37/38
Iron Oxide	CAS: 1345-25-1 EINECS: 215-721-8	0-2	(67/548/EEC) Xi R36/37/38

Regulated asbestos (tested 01/2026) no structures detected <0.1%

### Section 4: First-Aid Measures

**Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.

**Eye Contact:** Flush with water for several minutes.

**Skin Contact:** Wash with soap and water. Treat cuts appropriately.

**Ingestion:** The product is not recommended for ingestion. If ingested, rinse mouth with water.

\* Always employ methods to minimize dust generation during cutting, such as wet cutting or grinding, and exhaust ventilation. Utilize respiratory protection when necessary. Always have emergency eyewash available in area where products are cut or ground.

#### After contact with:

Eyes: Immediately flush eyes with large amounts of water for at least 15 minutes if dust gets in eyes. Get medical attention if irritation persists.

Skin: Wash thoroughly after working with Natural Stone products.

Inhalation: Remove to fresh air if exposed to large amounts of dust. Administer artificial respiration if breathing has stopped. Keep victim at rest. Call for prompt medical attention.

Ingestion: Rinse mouth with water.

**Most important symptoms and effects, both acute and delayed:** Breathing difficulty, headache, nausea, dryness or irritation of nose, throat, eyes, burning sensation of skin or eyes, unconsciousness.

**Indication of any immediate medical attention and special treatment needed:** Remove to fresh air, if breathing impaired, assisted respiration may be required, seek medical attention

### Section 5: Fire-Fighting Measures

Product is non-flammable. Use extinguishing media appropriate for surrounding fire.

**Flash Point (Method Used):** Not applicable

**Autoignition Temperature:** Not applicable

**Flammable Limits (% by Volume in Air):** LEL – not applicable & UEL - not applicable

**Fire Extinguishing Media:** None required Non-flammable

**Special Fire Fighting Procedures:** None required

**Fire and Explosion Hazards:** None

### Section 6: Accidental Release Measures

Avoid creating excessive dust. Clean up dust with a vacuum system with a High-efficiency particulate (HEPA) air filter vacuum or damp sweeping. See Section 8 of this SDS concerning PPE information for clean-up.

**Personal precautions and protective equipment:** N100 Respirator, face shield with safety glasses, gloves

**Environmental precautions:** Store in cool / dry area. Do not flush down any drainage system.

**Methods and material for containment and cleaning up:** Avoid creating airborne dust. Use wet cleanup or HEPA filtration vacuum.

### Section 7: Handling and Storage

**Handling:** Avoid generating dust from grinding or cutting. Use adequate ventilation if dust is generated. Handle broken pieces carefully to avoid cuts.

**Storage:** Do not store near acids. If natural stone products contact some acids, damage/discoloration to the surface may occur.

**Shelf Life:** Unlimited if stored in cool/dry area.

### Section 8: Exposure Controls/Personal Protection

#### Exposure Table

Chemical Name	OSHA PEL	NIOSH (IDLH)	ACGIH (TLV)
Respirable Crystalline silica	(R) 0.05 mg/m <sup>3</sup>	(R) 0.05 mg/m <sup>3</sup>	(R) 0.025 mg/m <sup>3</sup>
Talc (non-asbestiform)*	(R) 2 mg/m <sup>3</sup>	(R) 1000 mg/m <sup>3</sup>	(R) 2 mg/m <sup>3</sup>

\*Analytical results indicate NO asbestos structure detected (02/2026)

Iron Oxide	(R) 10 mg/m <sup>3</sup>	(R) 5 mg/m <sup>3</sup>	(R) 5mg/m <sup>3</sup>
Magnesium Oxide	(R) 10mg/m <sup>3</sup>	(R) 10mg/m <sup>3</sup>	(R) 10mg/m <sup>3</sup>
Limestone	(R) 5mg/m <sup>3</sup>	(R) 5 mg/m <sup>3</sup>	(R) 5mg/m <sup>3</sup>

(R) Respirable Dust

**Engineering Controls:** Provide adequate ventilation where dust is generated.

**General protective and Hygienic measures:** L-C

**Personal Protective Equipment**

**Respiratory Protection:** Use NIOSH-approved respirator when dust exposure exceeds limits.

**Eye Protection:** Safety glasses when dust is present.

**Skin Protection:** Work gloves recommended.

### Section 9: Physical and Chemical Properties

**Appearance:** Solid stone stick

**Color:** White to gray

**Odor:** Odorless

**Odor Threshold:** N/A

**pH:** Not applicable

**Melting Point:** >1000°F

**Boiling Point:** N/A

**Flash point:** N/A

**Evaporation rate:** N/A

**Density:** 2.6 – 2.8 g/cm<sup>3</sup>

**Upper/lower flammability or explosive limits:** N/A

**Auto ignition temperature:** N/A

**Danger of explosion:** N/A

**Vapor pressure:** N/A

**Vapor density:** N/A

**Specific gravity:** 2.3 ~ 2.7 (H<sub>2</sub>O=1.0)

**Solubility in Water:** Insoluble

**Flammability:** Non-flammable

### Section 10: Stability and Reactivity

**Chemical Stability:** Stable under normal conditions.

**Reactivity:** 1

**Hazardous Polymerization:** Will not occur.

**Conditions to Avoid:** Excessive mechanical grinding generating dust. Avoid contact with acids (e.g. Hydrochloric, acetic, hydrofluoric, etc.)

**Incompatible materials:** Avoid contact with acids (e.g. Hydrochloric, acetic, hydrofluoric, etc.)

**Hazardous decomposition products:** None

**Primary Routes of Exposure**

None for intact Soapstone marking sticks. Health effects are primarily associated with inhalation of respirable dust generated during mechanical processing such as grinding, cutting, or breaking the soapstone. Normal marking use generates little to no airborne dust.

**Acute Effects**

Exposure to dust may cause irritation to eyes or respiratory system.  
Handling broken pieces may cause cuts and contamination.

**Chronic Effects**

Long-term exposure to respirable crystalline silica above occupational exposure limits may cause silicosis.  
Silicosis is a progressive lung disease associated with pulmonary fibrosis.

**Carcinogenicity**

Respirable crystalline silica is classified by:  
**IARC:** Group 1 – Carcinogenic to humans  
**NTP:** Known human carcinogen

**California Proposition 65 Warning**

Crystalline Silica is known to the state of California to be a human Carcinogen.

**Overview of Animal Testing**

Short term experimental studies of rats have found that intra-tracheal instillation of quartz particles leads to the formation of discrete silicotic nodules in rats, mice and hamsters.

**Oral (silica) Lethality**

LD50 Rat oral >22,500 mg/kg LD50  
Mouse oral >15,000 mg/kg LC50  
Carp >10,000 mg/l (per 72 hr.)

**Sensitization to Product:** Not Applicable.

**Irritancy of Product:** Soapstone (inhalable, respirable or dust)

**ACGIH:** TWA (inhalable) = 6 mg/m<sup>3</sup> , (respirable) = 3 mg/m<sup>3</sup>

**Reproductive Toxicity:** Not Applicable.

**Teratogenicity:** Not Applicable.

**Mutagenicity:** Not Applicable.

## Section 12: Ecological Information

No known ecological hazards.

**Mobility:** Not Determined.

**Ecotoxicity:** Not Determined.

**Degradability:** Not Determined.

**Other Adverse Effects:** Not Determined.

**Accumulation:** Not Determined.

## Section 13: Disposal Considerations

Dispose according to local, state, or federal regulations. Material is generally considered non-hazardous solid waste.

## Section 14: Transport Information

### D.O.T. (U.S.)

**Proper Shipping Name:** Not Regulated.

**Hazard Class or Division:** Not Regulated.

**Hazard Label:** Not Regulated.

**I.D. Number:** Not Regulated.

**TDG (Canada):** Not Regulated

## Section 15: Regulatory Information

**OSHA Hazard Communication Standard:** Regulated due to crystalline silica content when respirable dust is generated.

### California Proposition 65

This product contains crystalline silica, a substance known to the State of California to cause cancer.

### Footnotes for Section 2:

1. Subject to the reporting requirements of SARA Title III, Section 313.
2. Appears on the California Safe Drinking Water and Toxic Enforcement Act (Prop. 65) Substances List.
3. Appears on the Massachusetts Substances List.
4. Appears on the New Jersey Right-To-Know Hazardous Substances List
5. Appears on the Pennsylvania Hazardous Substances List.
6. Appears on the Canadian WHMIS Ingredient Disclosure List.

**OSHA Hazard Status:** This product is hazardous as defined by the U.S. OSHA HCS (29 CFR 1910.1200).

**EPA SARA sec. 311/312 Hazard Categories:** Not Applicable.

**Toxic Substances Control Act (TSCA):** All ingredients contained in this product are listed on the U.S. EPA TSCA Chemical Substance Inventory.

**HMIS Rating:** Health 1, Flammability 0, Reactivity 0

**NFPA (704) Rating:** Health 1, Flammability 0, Reactivity 0

This product has been classified in accordance with the hazard criteria of the U.S. OSHA Hazard Communication Standard, the Canadian WHMIS Controlled Products Regulations, the British CHIP2 regulation 6, and the Australian NMRCWHS. This SDS contains the information required by the above regulations and conforms to ANSI Z400.1-1993.

### Global Harmonization Identification System

GHIS: Health: 1 Fire: 0 Reactivity: 0

### Hazardous Material Identification System

HMIS: Health: 1 Fire: 0 Reactivity: 0

### National Fire Protection Association

NFPA: Health: 1 Fire: 0 Reactivity: 0

**Section 16: Other Information**

**SDS Prepared By:** TLC Consultants, Inc.

Product Name: **SOAPSTONE**

Revision #: 1.0

Date Prepared: March 16,2026

Date Revised: N/A

**The information in this Safety Data Sheet is believed to be accurate based on current knowledge and supplier data. Uniweld Products, Inc. provides this SDS solely for guidance in the safe handling, use, storage, and disposal of the product. No warranty, express or implied, is made regarding the completeness or accuracy of the information. Uniweld Products, Inc. shall not be liable for any damages, losses, or injuries resulting from the use of this information or the product described herein. Users are responsible for determining the suitability of this product for their specific applications and for compliance with all applicable laws and regulations. Uniweld Products, Inc. encourages users to follow OSHA recommendations and to take necessary precautionary measures while handling or using this product.**