

**Safety Data Sheet**  
According to Hazard Communication Standard (29 CFR 1910.12001)

34389-XXXX  
 33119-XXXX  
 33602-XXXX

SOAPSTONE  
 Version 1.0

Issue date: 02/03/2015

Revision date: 02/03/2015

**1. Identification**

Product name SOAPSTONE  
 Synonyms Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)  
 CAS# 14807-96  
 Product code  
 Product use Carving Stone for sculpture.  
 Manufacturer/Supplier  
 Supplier(Manufacturer): SCULPTURE HOUSE INC  
 Address: 3804 CROSSROADS PARKWAY FT PIERCE, FL 34045  
 Contact person(E-mail):  
 Telephone: 772-210-6124  
 Fax: 844-287-5044  
 Emergency telephone Number: 772-210-6124

**2. Hazard(s) identification**

GHS classification  
 Physical hazards Not classified  
 Health hazards Not classified  
 Environmental hazards Not classified  
 GHS label elements  
 Hazard Pictograms No hazard pictogram is used.  
 Signal word No signal word is used.  
 Hazard statement Not applicable.  
 Precautionary statement  
 Prevention Not applicable.  
 Response Not applicable.  
 Storage Not applicable.  
 Disposal Not applicable.

**3. Composition / information on ingredients**

| Components  | CAS#     | Percent |
|---|----------|---------|
| Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) | 14807-96 | 100%    |

**4. First-aid Measures**

First aid procedures  
 Eye contact Flush eyes with water as a precaution.  
 Skin contact Wash off with soap and plenty of water. Consult a physician.  
 Inhalation If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.  
 Ingestion Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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**Notes to physician**

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

**5. Fire-fighting measures****Flammable properties**

Not available.

**Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Unsuitable extinguishing media**

Not available.

**Firefighting equipment/Instructions**

Keep personnel removed and upwind of any fire. Wear full fire-fighting tum-out gear (full Bunker gear), and respiratory protection SCBA).

**Hazardous combustion products**

Magnesium oxide, silicon oxides.

**6. Accidental release measures****Personal precautions**

Use personal protective equipment. Avoid dust formation. Avoid breathing mist or dust. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

**Environmental precautions**

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

**Methods for cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**7. Handling and storage****Handling**

Avoid contact with skin and eyes. Avoid formation of dust. Provide appropriate exhaust ventilation at places where dust is formed.

**Storage**

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

**8. Exposure controls / personal protection****Control parameters:****OCCUPATIONAL EXPOSURE LIMITS (OEL)****INGREDIENT DATA:**

| Source  | Ingredient  | Material name   | IWA                  | STEL          | Peak          | Notes  |
|---|---|---|----------------------|---------------|---------------|--|
| US OSHA Permissible Exposure Levels (PELs) - Table Z1 | Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) | Silicates - Mica /Silicates - Soapstone /Silicates-Soapstone / Silicates -Talc /Silicates -Tremolite, asbestiform | 0.1mg/m <sup>3</sup> | Not Available | Not Available | See Table Z-3; less than 1% crystalline silica(respirable dust) / See Table Z-3; less than 1% crystalline silica, total dust / See Table Z-3; less than 1% crystalline silica, respirable dust/ less than 1% crystalline silica; see 29 CFR 1910.1001; See Table Z-3; (containing asbestos); use asbestos limit; (STEL (Excursion limit)(as averaged over a sampling period of 30 minutes)) / less than 1% crystalline silica; See Table Z-3, (containing no asbestos), respirable dust / (as quartz), respirable dust; less than 1% crystalline silica; see |

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|---|---|---|--|---------------|---------------|---|
|   |   |   |  |               |               | 1910.1001;(STEL (Excursion limit)(as averaged over a sampling period of 30 minutes))  |
| US OSHA Pennissible Exposure Levels (PELs) - Table Z1 | Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) | Silicates: Mica / Silicates: Soapstone / Silicates: Talc / Silicates: Tremolite, asbestifonns | 0.1 f/cc / 20 mppcf  | Not Available | Not Available | (less than 1% crystalline silica) / (containing asbestos) Use asbestos limit;(less than 1% crystalline silica) / (see 29 CFR 1910.1001);(less than 1% crystalline silica) |
| USACGIH Threshold Limit Values (TLV)                  | Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) | Talc – Containing no asbestos fibers / Talc –Containing asbestos fibers                       | 2 mg/m <sup>3</sup>  | Not Available | Not Available | TLV® Basis: Pulm fibrosis; pulm lunc / TLV® Basis: Use Asbestos TLV®  |
| US NIOSH Recommended Exposure Limits (RELs)           | Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) | Massive talc, Soapstone silicate, Steatite / Hydrous magnesium silicate, Steatite talc        | 6 (total), 3 (resp) mg/m <sup>3</sup> / 2 (resp) mg/m <sup>3</sup> | Not Available | Not Available | Not Available   |

**EMERGENCY LIMITS:**

| Ingredient  | TEEL-1              | TEEL-2              | TEEL-3                |
|---|---------------------|---------------------|-----------------------|
| Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) | 2 mg/m <sup>3</sup> | 2 mg/m <sup>3</sup> | 2.6 mg/m <sup>3</sup> |

| Ingredient  | Original IDLH                     | Revised IDLH           |
|---|-----------------------------------|------------------------|
| Talc (Mg <sub>3</sub> H <sub>2</sub> (SiO <sub>3</sub> ) <sub>4</sub> ) | N.E. mg/m <sup>3</sup> / N.E. ppm | 1000 mg/m <sup>3</sup> |

**Exposure controls:****Appropriate engineering controls:**

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

**Individual protection measures, such as personal protective equipment:****Eye / face protection**

Safety glasses with side-shields.

**Skin protection**

Handle with gloves. Immersion protection: Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: > 480 min; Splash protection: Material: Nitrile rubber, Minimum layer thickness: 0.11 mm, Break through time: > 30 min.

**Respiratory protection**

Dust respirator.

**General hygiene**

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended.

**considerations****9. Physical and chemical properties****Appearance**

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|  |                 |
|--|-----------------|
| Physical state                                 | Solid           |
| Form   | Powder          |
| Color  | White           |
| Odor   | Not available   |
| Odor threshold                                 | Not available   |
| pH   | Not available   |
| Vapor pressure                                 | Not available   |
| Melting point/Freezing point                   | 800 °C          |
| Initial boiling point and boiling range        | Not available   |
| Flash point                                    | Not available   |
| Evaporation rate                               | Not available   |
| Flammability (solid, gas)                      | Not available   |
| Explosion limits                               | Not available   |
| Vapor density                                  | Not available   |
| Relative density                               | Not available   |
| Solubility (water)                             | Insoluble       |
| Partition coefficient                          | Approximately 1 |
| Auto-ignition temperature                      | Not available   |
| Decomposition temperature                      | Not available   |
| Specific gravity                               | >1              |
| Density  | Not available   |
| Flammability limits in air, upper, % by volume | Not available   |
| Flammability limits in air, lower, % by volume | Not available   |
| VOE  | 0%              |
| Percent volatile                               | Not available   |
| Other data                                     |                 |
| Viscosity                                      | Not available   |

## 10. Stability and reactivity

|                                    |   |
|------------------------------------|---|
| Chemical stability                 | Material is stable under normal conditions.                               |
| Conditions to avoid                | Incompatible materials.   |
| Incompatible materials             | Oxidizing agents.   |
| Hazardous decomposition products   | Magnesium oxide, silicon oxides.  |
| Possibility of hazardous reactions | No hazardous reactions when stored and handled according to instructions. |

## 11. Toxicological information

### Toxicokinetics, metabolism and distribution:

Non-human toxicological data: Not available

### Information on toxicological effects:

#### Acute toxicity:

|                            |                |
|----------------------------|----------------|
| LDSO (Oral, Rat):          | Not available  |
| LDSO (Dermal, Rabbit):     | Not available  |
| LC50 (Inhalation, Rat):    | Not available  |
| Skin corrosion/irritation: | Not classified |

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Serious eye damage/Irritation: Not classified  
 Respiratory or skin sensitization: Not classified  
 Germ cell mutagenicity: Not classified  
 Carcinogenicity: Not classified  
 Reproductive toxicity: Not classified  
 STOT- single exposure: Not classified  
 STOT-repeated exposure: Not classified  
 Aspiration hazard: Not classified

## 12 Ecological information

### Toxicity:

| Acute toxicity |     | Time | Species | Method   | Evaluation | Remarks |
|----------------|-----|------|---------|----------|------------|---------|
| LC50           | N/A | 96h  | Fish    | OECD 203 | N/A        | N/A     |
| EC50           | N/A | 48h  | Daphnia | OECD 202 | N/A        | N/A     |
| EC50           | N/A | 72h  | Algae   | OECD 201 | N/A        | N/A     |

Persistence and degradability: Not available.  
 Bioaccumulative potential: Not available.  
 Mobility in soil: Not available.  
 Results of PBT&vPvB assessment: Not available.  
 Other adverse effects: No known significant effects or critical hazards.

## 13 Disposal considerations

Disposal instructions: Dispose of contents/container in accordance with local/regional/national/international regulations.  
 Contaminated packaging: Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14 Transport information

### DOT

Basic shipping requirements:  
 UN number: Not regulated  
 Proper shipping name: Not regulated  
 Hazard class: Not regulated  
 Packing group: Not regulated  
 Environmental hazards: No

### IATA

UN number: Not regulated  
 UN proper shipping name: Not regulated  
 Transport hazard class(es): Not regulated  
 Packing group: Not regulated  
 Environmental hazards: No

### MDG

UN number: Not regulated  
 UN proper shipping name: Not regulated

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|                            |               |
|----------------------------|---------------|
| Transport hazard class(es) | Not regulated |
| Packing group              | Not regulated |
| Environmental hazards      | No            |

**15. Regulatory Information**

Safety, health and environmental regulations/legislation specific for the substance or mixture:

|   |  |
|---|--|
| Talc (Mg3H2(SiO3)4) (14807.t&) Is found on the following regulatory lists | "US - Idaho - Toxic and Hazardous Substances - Mineral Dust",<br>"US - Idaho - Limits for Air Contaminants",<br>"US - Hawaii Air Contaminant Limits",<br>"US - Wyoming Toxic and Hazardous Substances Table Z-3 Mineral Dusts",<br>"US - Alaska Limits for Air Contaminants",<br>"US ACGIH Threshold Limit Values (TLV)",<br>"US Toxic Substances Control Act (TSCA) - Chemical Substance Inventory",<br>"US - Wyoming Toxic and Hazardous Substances Table Z1 Limits for Air Contaminants", |
|---|--|

**16. Other information, including date of preparation or last revision**

|              |  |
|--------------|--|
| HMIS ratings | Health: 0<br>Flammability: 1<br>Physical hazard: 0   |
| NFPA ratings | Health: 0<br>Flammability: 1<br>Instability: 0   |
| Disclaimer   | The information in the sheet was written based on the best knowledge and experience currently available. |
| Issue date   | 02-03-2015   |