# Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 05/17/2016 Reviewed on 08/04/2024

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## 1 Identification

· **Product Identifier**

· **Trade name: Limestone Cement (Tuscany, Terra )**
· **Relevant identified uses of the substance or mixture and uses advised against:**
· **Product Description** Cement plaster

· **Details of the Supplier of the Safety Data Sheet:**
· **Manufacturer/Supplier:**
Texston Industries, Inc.
8025 Deering Avenue Canoga Park, Ca 91304
Phone: 818-227-4812 Ext.105
Toll free: 800-788-7113
Fax: 818-227-4852
Email: info@texston.com
Web:www.texston.com
· **Emergency telephone number:** 800-788-7113

## 2 Hazard(s) Identification

· **Classification of the substance or mixture:**



GHS08 Health hazard

STOT RE 1 H372 Causes damage to lungs through prolonged or repeated exposure by inhalation.
Carc. 1A H350 May cause cancer.



GHS05 Corrosion

Skin Corr. 1A H314 Causes severe skin burns and eye damage.
Eye Dam. 1 H318 Causes serious eye damage.



GHS07 Exclamation

STOT SE 3 H335 May cause respiratory irritation.

· **Label elements:**
· **GHS label elements**
The product is classified and labeled according to the Globally Harmonized System (GHS).
· **Hazard pictograms:**



GHS05 GHS07 GHS08

· **Signal word:** Danger

· **Hazard-determining components of labeling:**
Silicon Dioxide
Calcium Oxide
· **Hazard statements:**
H314 Causes severe skin burns and eye damage.
H350 May cause cancer by inhalation.

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H335 May cause respiratory irritation.
H372 Causes damage to lungs through prolonged or repeated exposure by inhalation.

· ***Precautionary statements:***

| | |
|---|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P260 | Do not breathe dusts or mists. |
| P264 | Wash exposed skin thoroughly with soap and water after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P271 | Use only outdoors or in a well-ventilated area. |
| P280 | Wear protective clothing, protective gloves, eye protection and face protection. |
| P281 | In case of inadequate ventilation wear respiratory protection. |
| P301+P330+P331 | If swallowed: Rinse mouth. Do NOT induce vomiting. |
| P303+P361+P353 | If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. |
| P363 | Wash contaminated clothing before reuse. |
| P305+P351+P338 | If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| P304+P340 | IF INHALED: Remove person to fresh air and keep comfortable for breathing. |
| P310 | Immediately call a POISON CENTER/doctor. |
| P308+P313 | IF exposed or concerned: Get medical advice/attention. |
| P501 | Dispose of contents and container in accordance with local and national regulations. |

· ***Classification system:***

· ***NFPA ratings (scale 0 - 4)***




Health = 3
Fire = 0
Reactivity = 0

·

· ***HMIS-ratings (scale 0 - 4)***




Health = 3
Fire = 0
Reactivity = 0

· ***Hazard(s) not otherwise classified (HNOC):*** None known

## 3 Composition/Information on Ingredients

· ***Chemical characterization: Mixtures***

· ***Description:*** Mixture of substances listed below with non-hazardous additions.

| · ***Dangerous Components:*** | | |
|---|---|---|
| CAS: 14808-60-7 | Silicon Dioxide, quartz<br>Carc. 1A, H350; STOT RE 1, H372 | 25-60% |
| CAS: 471-34-1 | Calcium Carbonate | 10-15% |
| CAS: 1305-78-8 | Calcium Oxide<br>Skin Corr. 1A, H314; Eye Dam 1, H318; STOT SE 3, H335 | 15-35% |

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## 4 First-Aid Measures

· **Description of first aid measures:**
· **General information:**
Immediately remove any clothing soiled by the product.
Symptoms of exposure may occur after direct contact or inhalation of dust; seek medical attention if feeling unwell.
· **After inhalation:**
Supply fresh air. If required, provide artificial respiration. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in side position for transportation.
· **After skin contact:**
Immediately flush with water for 10-15 minutes. If skin irritation occurs, consult a doctor.
· **After eye contact:** Rinse opened eye for 15-20 minutes with running water. Remove contact lenses, if present and easy to do after 5 minutes, then continue rinsing. Get immediate medical attention.
· **After swallowing:**
Immediately call a doctor or poison center. Rinse mouth with water if person is alert.
· **Information for doctor:**
· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.
· **Indication of any immediate medical attention and special treatment needed:**
Immediate medical attention is required for eye contact or ingestion.

## 5 Fire-Fighting Measures

· **Extinguishing media:**
· **Suitable extinguishing agents:**
Use any extinguishing media that is suitable for the surrounding fire.
· **Special hazards arising from the substance or mixture:** This product is not flammable or combustible.
· **Advice for firefighters:**
· **Protective equipment:**
As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

## 6 Accidental Release Measures

· **Personal precautions, protective equipment and emergency procedures:**
Wear protective equipment. Keep unprotected persons away.
Avoid formation of dust.
· **Environmental precautions:** Do not allow product to reach sewage system or any water course.
· **Methods and material for containment and cleaning up:**
Ensure adequate ventilation.
Sweep up the material.
Dispose contaminated material as waste according to section 13.
· **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

## 7 Handling and Storage

· **Handling**
· **Precautions for safe handling:**
Avoid creating and breathing dust. Use only in a well-ventilated area. Wear protective clothing and equipment (see Section 8). Do not get in eyes, on skin or clothing. Wash hands and other exposed skin with soap and water after handling. Remove contaminated clothing and wash it before reuse. Refer to the OSHA Respirable Crystalline Silica standards; 29CFR1910.1053, 1915.1053 and 1926.1153 for specific requirements for use and handling.

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Open and handle containers with care.

· ***Conditions for safe storage, including any incompatibilities:***
· ***Storage***
· ***Requirements to be met by storerooms and receptacles:*** No special requirements.
· ***Information about storage in one common storage facility:*** Not required.
· ***Further information about storage conditions:*** Keep receptacle tightly sealed. Keep in a dry place.
· ***Specific end use(s):*** No further relevant information available.

## 8 Exposure Controls/Personal Protection

· ***Additional information about design of technical systems:*** No further data; see section 7.

· ***Control parameters:***

| · ***Components with occupational exposure limits:*** | |
|---|---|
| **14808-60-7 Silicon Dioxide, quartz** | |
| ACGIH | 0.025 mg/m³ (respirable dust) TWA |
| OSHA | 0.025 mg/m³ (respirable dust) TWA |
| **471-34-1 Calcium Carbonate** | |
| OSHA | 15 (total dust), 5 mg/m³ (respirable dust) TWA |
| ACGIH | TLV withdrawn |
| **1305-78-8 Calcium Oxide** | |
| OSHA | 5 mg/m³ TWA |
| ACGIH | 2 mg/m³ TWA |

· ***Additional information:*** The lists that were valid during the creation of this SDS were used as basis.

· ***Exposure controls:***
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing and wash before reuse.
Wash hands before breaks and at the end of work.
Store protective clothing separately.
Avoid contact with the eyes and skin.
Do not breathe dust.

***Engineering Controls:***
Use local exhaust or general ventilation as required to maintain exposures as far as possible below applicable occupational exposure limits. Refer to the OSHA Respirable Crystalline Silica standards; 29CFR1910.1053, 1915.1053 and 1926.1153 for specific requirements for engineering controls.

· ***Respiratory Protection:***

NIOSH/OSHA or EN approved respiratory protection is recommended for use in airborne concentrations exceeding exposure limits. Refer to the OSHA Respirable Crystalline Silica standards; 29CFR1910.1053, 1915.1053 and 1926.1153 for specific requirements for respiratory protection. Always refer to the most recent government and local standards.

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***Protective gloves:***

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Select glove material based on penetration times, rates of diffusion and degradation.

· ***Material of gloves:***
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

· ***Penetration time of glove material:***
The exact break-through time has to be determined and observed by the manufacturer of the protective gloves.
·

· ***Eye protection:***

Tightly sealed goggles

***Protective Clothing:***

Wear impervious protective clothing to prevent skin contact and contamination of personal clothing.

## 9 Physical and Chemical Properties

· ***Information on basic physical and chemical properties***
· ***General Information***
· ***Appearance:***

| | |
|---|---|
| ***Physical State:*** | Solid |
| ***Form:*** | Powder |
| ***Color:*** | Various colors |
| · ***Odor:*** | Odorless |
| · ***Odor threshold:*** | Not determined. |
| · ***pH-value:*** | Not applicable. |
| · ***Change in condition*** | |
| ***Melting point/Melting range:*** | Not determined. |
| ***Boiling point/Boiling range:*** | Not determined. |
| · ***Flash point:*** | None |
| · ***Flammability:*** | Not flammable or combustible. |
| · ***Auto-ignition temperature:*** | Not applicable. |
| · ***Decomposition temperature:*** | Not applicable. |
| · ***Auto igniting:*** | Product is not self-igniting. |
| · ***Danger of explosion:*** | Not explosive. |
| · ***Explosion limits:*** | |
| ***Lower:*** | Not applicable. |

(Contd. on page 6)

**Upper:** Not applicable.

· **Vapor pressure:** Not applicable.

· **Density:**
**Relative density:** Not determined.
**Relative Vapor density:** Not applicable.
**Evaporation rate:** Not applicable.

· **Solubility in / Miscibility with:**
**Water:** Partly Soluble.

· **Partition coefficient (n-octanol/water):** Not determined.

· **Viscosity:**
**Dynamic:** Not applicable.
**Kinematic:** Not applicable
**. Particle Characteristics:** No data available.
· **Other information:** No further relevant information available.

## 10 Stability and Reactivity

· **Reactivity:** No further relevant information available.
· **Chemical stability:** Stable under normal conditions.
· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
· **Possibility of hazardous reactions:** No dangerous reactions known.
· **Conditions to avoid:** No further relevant information available.
· **Incompatible materials:** No further relevant information available.
· **Hazardous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological Information

· **Information on toxicological effects:**
· **Acute toxicity:**

| · **LD/LC50 values that are relevant for classification:** | | |
|---|---|---|
| **14808-60-7 Silicon Dioxide, quartz** | | |
| Oral | LD50 | >22,500 mg/kg (rat) |
| **471-34-1 Calcium Carbonate** | | |
| Oral | LD50 | 6450 mg/kg (rat) |
| **1305-78-8 Calcium Oxide** | | |
| Oral | LD50 | 500 mg/kg (rat) |

· **Primary irritant effect:**
· **On the skin:** Strong caustic effect on skin and mucous membranes.
· **On the eye:**
Strong irritant with the danger of severe eye injury.
Corrosive effect.
· **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:

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Corrosive
Respiratory Irritant
Carcinogenic
Target Organ Toxicity (lungs)
Swallowing will lead to a corrosive effect on mouth and throat and to the danger of perforation of esophagus and stomach.

· ***Carcinogenic categories:***
· ***IARC (International Agency for Research on Cancer):***
Group 1 - Carcinogenic to humans
Group 2A - Probably carcinogenic to humans
Group 2B - Possibly carcinogenic to humans
Group 3 - Not classifiable as to its carcinogenicity to humans
Group 4 - Probably not carcinogenic to humans

| | | |
|---|---|---|
| **14808-60-7** | Silicon Dioxide, quartz (respirable crystalline silica) | 1 |

· ***NTP (National Toxicology Program):***
Silicon Dioxide, quartz (respirable crystalline silica) – Known Human Carcinogen

· ***OSHA-Ca (Occupational Safety & Health Administration):***
Silicon Dioxide, quartz (respirable crystalline silica)

## 12 Ecological Information

· ***Toxicity:***

· ***Aquatic toxicity:***

| **14808-60-7 Silicon Dioxide, quartz** | |
|---|---|
| EC50 | >1000 mg/l (daphnia) (OECD 202) |

· ***Persistence and degradability:*** No further relevant information available.
· ***Behavior in environmental systems:***
· ***Bioaccumulative potential:*** No further relevant information available.
· ***Mobility in soil:*** No further relevant information available.
· ***Additional ecological information:***
· ***General notes:***
Generally not hazardous for water.
Must not reach bodies of water or drainage ditch undiluted or unneutralized.
· ***Results of PBT and vPvB assessment:***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***Other adverse effects:*** No further relevant information available.

## 13 Disposal Considerations

· ***Waste treatment methods:***
· ***Recommendation:***
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
Observe all federal, state and local environmental regulations when disposing of this material.

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· **Uncleaned packagings**
· **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport Information

· **UN-Number:**
· **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
· **UN proper shipping name:**
· **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
· **Transport hazard class(es):**

· **DOT, ADR, ADN, IMDG, IATA**
· **Class:** Non-Regulated Material
· **Packing group:**
· **DOT, ADR, IMDG, IATA** Non-Regulated Material
· **Environmental hazards:** Not applicable.
· **Special precautions for user:** Not applicable.
· **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
· **UN "Model Regulation":** Non-Regulated Material

## 15 Regulatory Information

· **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
· **SARA (Superfund Amendments and Reauthorization):**

· **Section 355 (extremely hazardous substances):**
None of the ingredients are listed.

· **Section 313 (Specific toxic chemical listings):**

| | |
|---|---|
| 1344-28-1 | Aluminum Oxide |

· **TSCA (Toxic Substances Control Act):**
All ingredients are listed or exempt from listing.

· **California Proposition 65:**

· **Chemicals known to cause cancer:**
Respirable crystalline silica.

· **Chemicals known to cause reproductive toxicity for females:**
None of the ingredients are listed.

· **Chemicals known to cause reproductive toxicity for males:**
None of the ingredients are listed.

· **Chemicals known to cause developmental toxicity:**
None of the ingredients are listed.

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## 16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· ***Date of preparation / last revision:*** 08/05/2024 / 2

· ***Abbreviations and acronyms:***

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
IMDG: International Maritime Code for Dangerous Goods
DOT: US Department of Transportation
IATA: International Air Transport Association
ACGIH: American Conference of Governmental Industrial Hygienists
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
NFPA: National Fire Protection Association (USA)
HMIS: Hazardous Materials Identification System (USA)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
NIOSH: National Institute for Occupational Safety
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit
BEI: Biological Exposure Limit
Skin Corr. 1A: Skin corrosion/irritation – Category 1A
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Carc. 1A: Carcinogenicity – Category 1A
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
STOT RE 1: Speciific target organ toxicity (repeated exposure) – Category 1