

# Safety Data Sheet

## acc. to OSHA HCS

Printing date 10/27/2014

Reviewed on 10/27/2014

### 1 Identification

- **Product identifier** STAUF SLC-540
- **Trade name:** STAUF SLC-540
- **Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Details of the supplier of the safety data sheet**
- **Distributor:**  
STAUF USA, LLC.  
11121 Hwy 70 Suite 102  
Arlington, TN 38002, USA  
Phone 1-901-820-0007  
Fax 1-901-820-0101

### 2 Hazard(s) identification

- **Classification of the substance or mixture**



GHS05 Corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**



Irritant

Irritating to skin. Risk of serious damage to eyes.

- *Information concerning particular hazards for human and environment:*

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

- *Classification system:*

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with directives on hazardous materials.

- *Code letter and hazard designation of product:*



Xi Irritant

- *Risk phrases:*

Irritating to skin.

Risk of serious damage to eyes.

- *Safety phrases:*

Do not breathe dust.

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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Wear suitable protective clothing, gloves and eye/face protection.  
This material and its container must be disposed of as hazardous waste.

- **Classification system:**
- *NFPA ratings (scale 0 - 4)*



Health = 1  
Fire = 0  
Reactivity = 0

- *WHMIS-ratings (scale 0 - 4)*



Health = 1  
Fire = 0  
Reactivity = 0

- *Results of PBT and vPvB assessment*
- *PBT: Not applicable.*
- *vPvB: Not applicable.*

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

14808-60-7	Quartz (SiO <sub>2</sub> )	25-50%
65997-16-2	Tonerdezement	10-25%
584-08-7	potassium carbonate	10-25%
65997-15-1	Cement, portland, chemicals	2.5-10%

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First-aid measures

- **Description of first aid measures**
- **After inhalation:** In case of unconsciousness place patient stably in side position for transportation.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Do not induce vomiting; immediately call for medical help.
- **Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5 Fire-fighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture** No further relevant information available.

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- **Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation  
Wear protective clothing.
- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **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

- **Precautions for safe handling**  
Prevent formation of dust.  
Avoid contact with the eyes.
- **Information about protection against explosions and fires:** No special measures required.
- **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:* None.
- **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 item 7.
- **Control parameters**

- **Components with limit values that require monitoring at the workplace:**

#### 14808-60-7 Quartz (SiO<sub>2</sub>)

PEL	see Quartz listing
REL	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m <sup>3</sup> *as respirable fraction

#### 65997-15-1 Cement, portland, chemicals

PEL	Long-term value: 50 mppcf or 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction
REL	Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction
TLV	Long-term value: 1* mg/m <sup>3</sup> E; *as respirable fraction

- **Additional information:** The lists that were valid during the creation were used as basis.

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- **Exposure controls**
- **Personal protective equipment:**
  - *General protective and hygienic measures:*  
Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Avoid contact with the skin.  
Avoid contact with the eyes and skin.
  - *Breathing equipment:*  
Not necessary if room is well-ventilated.  
Use suitable respiratory protective device in case of insufficient ventilation.
  - *Protection of hands:*



Protective gloves

- *Material of gloves* Strong gloves
- *Eye protection:*



Tightly sealed goggles

- *Body protection:* Protective work clothing

## 9 Physical and chemical properties

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

<i>Form:</i>	Powder
<i>Color:</i>	Grey
  - *Odor:* Weak, characteristic
  - *Odour threshold:* Not determined.
  - **pH-value:** Not applicable.
  - **Change in condition**
    - *Boiling point/Boiling range:* Undetermined.
  - **Flash point:** Not applicable.
  - **Flammability (solid, gaseous):** Not determined.
  - **Ignition temperature:** 425 °C (797 °F)
  - *Decomposition temperature:* Not determined.
  - **Auto igniting:** Product is not selfigniting.
  - **Danger of explosion:** Product does not present an explosion hazard.
  - **Explosion limits:**
    - *Lower:* Not determined.
    - *Upper:* Not determined.
  - **Vapor pressure:** Not applicable.

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- **Density at 20 °C (68 °F):** 0.6 g/cm<sup>3</sup> (5.007 lbs/gal)
- *Relative density* Not determined.
- *Vapour density* Not applicable.
- *Evaporation rate* Not applicable.
- **Solubility in / Miscibility with Water:** Soluble.
- **Partition coefficient (n-octanol/water):** Not determined.
- **Viscosity:**
  - Dynamic:* Not applicable.
  - Kinematic:* Not applicable.
- **Solvent content:**
  - Organic solvents:* 0.0 %
  - VOC Content:* 0.00 %
- **Other information** No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **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:**
  - *Primary irritant effect:*
  - *on the skin:* Irritant to skin and mucous membranes.
  - *on the eye:* Strong irritant with the danger of severe eye injury.
  - *Sensitization:* No sensitizing effects known.
- **Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant
- *Carcinogenic categories*

· <i>IARC (International Agency for Research on Cancer)</i>		
14808-60-7	Quartz (SiO <sub>2</sub> )	1
9003-20-7	Polyvinylacetat	3
· <i>NTP (National Toxicology Program)</i>		
14808-60-7	Quartz (SiO <sub>2</sub> )	K

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· *OSHA-Ca (Occupational Safety & Health Administration)*

None of the ingredients is listed.

## 12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- *General notes:*  
Water hazard class 2 (Self-assessment): hazardous for water  
Do not allow product to reach ground water, water course or sewage system.  
Danger to drinking water if even small quantities leak into the ground.
- **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:**  
Liquid product must not be disposed of together with household garbage. Do not allow product to reach sewage system. If product has aged or solidified conventional means of disposal are acceptable.
- **Uncleaned packagings:**
- *Recommendation:* Disposal must be made according to official regulations.
- *Recommended cleansing agent:* Water, if necessary with cleansing agents.

## 14 Transport information

- **UN-Number**
  - DOT, ADR, ADN, IMDG, IATA
  - **UN proper shipping name**
  - DOT, ADR, ADN, IMDG, IATA
  - **Transport hazard class(es)**
  - DOT, ADR, ADN, IMDG, IATA
  - *Class*
  - **Packing group**
  - DOT, ADR, IMDG, IATA
  - **Environmental hazards:**
  - **Marine pollutant:**
  - **Special precautions for user**
  - **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**
  - **UN "Model Regulation":**
- |  |                 |
|--|-----------------|
|  | Void            |
|  | Void            |
|  | Void            |
|  | Void            |
|  | No              |
|  | Not applicable. |
|  | Not applicable. |
|  | -               |

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## 15 Regulatory information

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

- *Sara*

- *Section 355 (extremely hazardous substances):*

None of the ingredient is listed.

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

None of the ingredients is listed.

- *TSCA (Toxic Substances Control Act):*

All ingredients are listed.

- *Proposition 65*

- *Chemicals known to cause cancer:*

14808-60-7 Quartz (SiO<sub>2</sub>)

- *Chemicals known to cause reproductive toxicity for females:*

None of the ingredients is listed.

- *Chemicals known to cause reproductive toxicity for males:*

None of the ingredients is listed.

- *Chemicals known to cause developmental toxicity:*

None of the ingredients is listed.

- *Canadian Ingredient disclosure list*

- *Limit 0,1%*

None of the ingredients is listed.

- *Limit 1%*

14808-60-7 Quartz (SiO<sub>2</sub>)

584-08-7 potassium carbonate

- *Carcinogenity categories*

- *EPA (Environmental Protection Agency)*

None of the ingredients is listed.

- *TLV (Threshold Limit Value established by ACGIH)*

14808-60-7 Quartz (SiO<sub>2</sub>)

A2

- *MAK (German Maximum Workplace Concentration)*

14808-60-7 Quartz (SiO<sub>2</sub>)

1

- *NIOSH-Ca (National Institute for Occupational Safety and Health)*

14808-60-7 Quartz (SiO<sub>2</sub>)

- **Product related hazard informations:**

- *Hazard symbols:*

The product has been classified and marked in accordance with directives on hazardous materials.

- *Safety phrases:* Keep out of the reach of children.

- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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## 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• **Department issuing SDS:** Technical Department

• **Contact:**

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Wolfgang Stauf, Phone 901-820-0007, Email wolfgang.stauf@staufusa.com

• *Date of preparation / last revision* 10/27/2014 / -

• *Abbreviations and acronyms:*

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organization

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

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