



Safety Data Sheet according to Regulation
(EC) 'No. 2020/878

STONHARD

SECTION 1: Identification of the Substance/Mixture and of the Company/Undertaking

| | | | |
|--|---|-------------------------|------------|
| 1.1 Product Identifier | 01220 | Revision Date: | 16/04/2025 |
| Product Name: | STONCLAD UT C-1 | Supersedes Date: | 11/04/2024 |
| UFI Code: | No Information | | |
| Contain nanoform: | No | | |
| 1.2 Relevant identified uses of the substance or mixture and uses advised against | Component of multicomponent industrial coatings - Industrial use. Advised against: others than recommended | | |
| 1.3 Details of the supplier of the safety data sheet | | | |
| Importer: | Stonhard Europe SRL 9, Rue du Travail - 1400 Nivelles, Belgium | | |
| Manufacturer: | Stonhard, Division Of StonCor Group, Inc. 1000 East Park Avenue Maple Shade, NJ 08052 +1 856 7797500(US) Regulatory / Technical Information: +32 67493710 Nivelles, Belgium | | |
| Datasheet Produced by: | ehs@stonhard.com | | |
| 1.4 Emergency telephone number: | +1 703-741-5970 - North America +1 800-424-9300 +55 11 4349 1359 - South America +52 55 8526 4930 - Central America +44 20 3885 0382 - Middle East, Eastern Europe, Western Europe, and Africa +65 3163 8374 - Asia, South Asia, And Oceania | | |

SECTION 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification according to Classification, Labeling & Packaging Regulation (EC) 1272/2008

HAZARD STATEMENTS

| | |
|-----------------------------------|---------|
| Skin Irritation, category 2 | H315 |
| Skin Sensitizer, category 1 | H317 |
| Serious Eye Damage, category 1 | H318 |
| Carcinogenicity, category 1A | H350-1A |
| STOT, single exposure, category 1 | H370 |

2.2 Label elements

Symbol(s) of Product



Signal Word

Danger

Named Chemicals on Label

calcium hydroxide, quartz (silicon dioxide), portland cement

HAZARD STATEMENTS

| | | |
|-----------------------------------|---------|--------------------------------------|
| Skin Irritation, category 2 | H315 | Causes skin irritation. |
| Skin Sensitizer, category 1 | H317 | May cause an allergic skin reaction. |
| Serious Eye Damage, category 1 | H318 | Causes serious eye damage. |
| Carcinogenicity, category 1A | H350-1A | May cause cancer. |
| STOT, single exposure, category 1 | H370 | Causes damage to organs. |

PRECAUTION PHRASES

| | |
|--------------|---|
| P201 | Obtain special instructions before use. |
| P202 | Do not handle until all safety precautions have been read and understood. |
| P260 | Do not breathe dust/fume/gas/mist/vapours/spray. |
| P264 | Wash hands thoroughly after handling. |
| P280 | Wear protective gloves/protective clothing/eye protection/face protection. |
| P284 | Wear respiratory protection. |
| P301+310 | IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. |
| P302+352 | IF ON SKIN: Wash with plenty of soap and water. |
| P305+351+338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. |
| P307+311 | IF exposed, call a POISON CENTER or doctor/physician. |
| P308+313 | IF exposed or concerned: Get medical advice/attention. |

P314
 P333+313
 P362+364
 P501

Get medical advice/attention if you feel unwell.
 If skin irritation or rash occurs: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.
 Dispose of contents and container in accordance with all local, regional, national and international regulations.

2.3 Other hazards

Results of PBT and vPvB assessment:

No Information

Endocrine disrupting properties - Toxicity

Name According to EEC **CAS-No.**

No Information

Endocrine disrupting properties - Ecotoxicity

Name According to EEC **CAS-No.**

No Information

SECTION 3: Composition/Information On Ingredients

3.1 Substances

Not applicable

3.2 Mixtures

Hazardous ingredients

| <u>Name According to EEC</u> <u>EINEC No.</u> <u>CAS-No.</u> <u>REACH Reg No.</u> | <u>%</u> | <u>Classifications</u> | SCL Value: ATE Value: M-Factor: | |
|--|----------|-------------------------------------|--|------------------------------|
| quartz (silicon dioxide) 238-878-4 14808-60-7 Exempt | 75-100 | H350-370 Carc. 1A, STOT SE 1 | SCL Value: ATE Value: M-Factor: (acute) M-Factor: (chronic) | - - - - |

| | | | | |
|---|------------|--|--|--|
| portland cement 266-043-4 65997-15-1 No Information | 10 - <25 | H315-317-318-335 Eye Dam. 1, Skin Irrit. 2, Skin Sens. 1, STOT SE 3 RTI | SCL Value: - ATE Value: - M-Factor: (acute) - M-Factor: (chronic) - | |
| calcium hydroxide 215-137-3 1305-62-0 01-2119475151-45 | 1.0 - <2.5 | H315-318-335 Eye Dam. 1, Skin Irrit. 2, STOT SE 3 RTI | SCL Value: - ATE Value: - M-Factor: (acute) - M-Factor: (chronic) - | |

Additional Information: The text for CLP Hazard Statements shown above (if any) is given in Section 16.

SECTION 4: First-aid Measures

4.1 Description of First Aid Measures

GENERAL NOTES: No Information

AFTER INHALATION: Move to fresh air. Consult a physician after significant exposure.

AFTER SKIN CONTACT: Use a mild soap if available. Wash off with soap and plenty of water.

AFTER EYE CONTACT: Rinse thoroughly with plenty of water, also under the eyelids. Remove contact lenses. If eye irritation persists, consult a specialist.

AFTER INGESTION: Gently wipe or rinse the inside of the mouth with water. Give small amounts of water to drink. Never give anything by mouth to an unconscious person.

Self protection of the first aider:

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed

Harmful by inhalation.

4.3 Indication of any immediate medical attention and special treatment needed

No information available on clinical testing and medical monitoring. Specific toxicological information on substances, if available, can be found in section 11.

SECTION 5: Firefighting Measures

5.1 Extinguishing Media:

Carbon Dioxide, Dry Chemical, Foam

FOR SAFETY REASONS NOT TO BE USED: Alcohol, Alcohol based solutions, any other media not listed above.

5.2 Special hazards arising from the substance or mixture

No Information

5.3 Advice for firefighters

None known. The product itself does not burn. In the event of fire, wear self-contained breathing apparatus. Water spray Dry powder Alcohol-resistant foam Carbon dioxide (CO₂). High volume water jet. None.

SECTION 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Ensure adequate ventilation. Avoid dust formation. Use personal protective equipment.

6.1.2 For emergency responders

No Information

6.2 Environmental precautions

No Information

6.3 Methods and material for containment and cleaning up

Pick up and transfer to properly labelled containers. No special environmental precautions required. After cleaning, flush away traces with water.

6.4 Reference to other sections

FURTHER INSTRUCTIONS: Please refer to EU disposal requirements or country specific disposal requirements for this material. See Section 8 and 13 for further information.

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Use only in area provided with appropriate exhaust ventilation. Provide sufficient air exchange and/or exhaust in work rooms. Wear personal protective equipment. Avoid dust formation. Protect from moisture. Wash hands before breaks and at the end of workday. Do not breathe dust. When using, do not eat, drink or smoke.

7.2 Conditions for safe storage, including any incompatibilities

CONDITIONS TO AVOID: No Information

STORAGE CONDITIONS: Keep tightly closed in a dry and cool place.

7.3 Specific end use(s)

No specific advice for end use available.

SECTION 8: Exposure Controls/Personal Protection

8.1 Control parameters

Ingredients with Occupational Exposure Limits (UK WELS)

| <u>Name</u> | <u>CAS-No.</u> | <u>LTEL ppm</u> | <u>STEL ppm</u> | <u>STEL mg/m3</u> | <u>LTEL mg/m3</u> |
|--------------------------|----------------|-----------------|-----------------|-------------------|-------------------|
| quartz (silicon dioxide) | 14808-60-7 | | | | |
| portland cement | 65997-15-1 | | | | 10.4 |
| calcium hydroxide | 1305-62-0 | | | 4 | 5.1 |

| <u>Name</u> | <u>CAS-No.</u> | <u>OEL Note</u> |
|--------------------------|----------------|-----------------|
| quartz (silicon dioxide) | 14808-60-7 | |
| portland cement | 65997-15-1 | |
| calcium hydroxide | 1305-62-0 | |

FURTHER ADVICE: Refer to the regulatory exposure limits for the workforce enforced in each country. Some components may not have been classified under the EU CLP Regulation.

Chemical Name:

calcium hydroxide

EC No.:
215-137-3

CAS-No.:
1305-62-0

DNELs - Derived no effect level

| Route of Exposure | Workers | | | | Consumers | | | |
|-------------------|--------------------|------------------------|-----------------------|--------------------------|--------------------|------------------------|-----------------------|--------------------------|
| | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic | Acute effect local | Acute effects systemic | Chronic effects local | Chronic effects systemic |
| Oral | Not required | | | | | | | |
| Inhalation | 4 mg/m3 | 4 mg/m3 | | 1 mg/m3 | | 1 mg/m3 | | |
| Dermal | | | | | | | | |

PNEC's - Predicted no effect concentration

| | |
|--|------------------------------|
| Environmental protection target | PNEC |
| Fresh water | 0.49 mg/l |
| Fresh water sediments | |
| Marine water | 0.32 mg/l |
| Marine sediments | |
| Food chain | No bioaccumulation potential |
| Microorganisms in sewage treatment soil (agricultural) | 1070 mg/kg |
| Air | |

8.2 Exposure controls

Personal Protection

RESPIRATORY PROTECTION: Effective dust mask.

EYE PROTECTION: Safety glasses with side-shields.

HAND PROTECTION: Protective gloves.

Body Protection: Long sleeved clothing.
Remove and wash contaminated clothing before re-use.

OTHER PROTECTIVE EQUIPMENT: No Information

ENGINEERING CONTROLS: Ensure adequate ventilation, especially in confined areas.

SECTION 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|---|---------------------------|
| Colour: | Sand / Granular |
| Physical State | Solid |
| Odor | Odorless |
| Odor threshold | Not determined |
| pH | N/A |
| Melting point / freezing point (°C) | Not determined |
| Boiling point or initial boiling point and boiling range (°C) | N.D. - N.D. |
| Flash Point, (°C) | Not measured |
| Evaporation rate | Not applicable |
| Flammability (solid, gas) | Not applicable |
| Lower and upper explosive limit | N/A - N/A |
| Vapour Pressure | N/A |
| Relative vapour density | Not applicable |
| Density and/or relative density | Not determined |
| Solubility in / Miscibility with water | Insoluble |
| Partition coefficient: n-octanol/water | Not determined |
| Auto-ignition temperature (°C) | Not applicable |
| Decomposition temperature (°C) | Not applicable |
| Kinematic viscosity | N/A |
| Particle characteristics | Not applicable to liquids |

9.2 Other information

| | |
|--|-------|
| VOC Content g/l: | 0 |
| Grams of VOC per liter of coating product as applied (mixture of Part A and Part B) per ASTM D2369 Method E. | |
| Specific Gravity (g/cm ³) | 2.704 |

SECTION 10: Stability and Reactivity

10.1 Reactivity

No reactivity hazards known under normal storage and use conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous polymerisation does not occur.

10.4 Conditions to avoid

No Information

10.5 Incompatible materials

Do not store near acids. Strong oxidizing agents.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: Toxicological information**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute Toxicity:**

| | |
|-------------------------|----------------|
| Oral LD50: | No Information |
| Inhalation LC50: | No Information |
| Dermal LD50: | No Information |

Irritation: No information available.**Corrosivity:** No information available.**Sensitization:** No information available.**Repeated dose toxicity:** No information available.**Carcinogenicity:** No information available.**Mutagenicity:** No information available.**Toxicity for reproduction:** No information available.**STOT-single exposure:** No information available.**STOT-repeated exposure:** No information available.**Aspiration hazard:** No information available.

If no information is available above under Acute Toxicity then the acute effects of this product have not been tested. Data on individual components are tabulated below:

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>Oral LD50</u> | <u>Dermal LD50</u> | <u>Vapor LC50</u> | <u>Gas LC50</u> | <u>Dust/Mist LC50</u> |
|----------------|------------------------------|------------------|----------------------|-------------------|-----------------|-----------------------|
| 14808-60-7 | quartz (silicon dioxide) | >2000 mg/kg | | | 0.000 | 0.000 |
| 1305-62-0 | calcium hydroxide | 7340 mg/kr, rat | > 2500 mg/kg, rabbit | | 0.000 | 0.000 |

Additional Information:

The cement contained within this product may cause dermal sensitization due to the potential presence of trace amounts of hexavalent chromium. Constituents of this product may include crystalline silica which, if inhalable, may cause silicosis, a form or progressive pulmonary fibrosis. Inhalable crystalline silica is listed by IARC as a group 1 carcinogen (lung) based on sufficient evidence in occupationally exposed humans and sufficient evidence in animals. Crystalline silica is also listed by the NTP as a known human carcinogen. This classification is relevant when exposed to Quartz (silicon dioxide) in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities. Constituents may also include abestiform or non-apestiform tremolite or other silicates as impurities, and above dei minimus exposure to these impurities in inhalable form may be carcinogenic or cause other serious lung problems.

11.2 Information on other hazards

Endocrine disrupting properties - Toxicity

Name According to EEC

CAS-No.

No Information

SECTION 12: Ecological Information**12.1 Toxicity:**

EC50 48hr (Daphnia): No information

IC50 72hr (Algae): No information

LC50 96hr (fish): No information

12.2 Persistence and degradability: No information**12.3 Bioaccumulative potential:** No information**12.4 Mobility in soil:** No information**12.5 Results of PBT and vPvB assessment:** No Information**12.6 Endocrine disrupting properties****Endocrine disrupting properties - Ecotoxicity**

Name According to EEC

CAS-No.

No Information

12.7 Other adverse effects: No information

| <u>CAS-No.</u> | <u>Name According to EEC</u> | <u>EC50 48hr</u> | <u>IC50 72hr</u> | <u>LC50 96hr</u> |
|----------------|------------------------------|------------------|------------------|------------------|
| 14808-60-7 | quartz (silicon dioxide) | No information | No information | |
| 65997-15-1 | portland cement | No information | No information | |
| 1305-62-0 | calcium hydroxide | 49.1 mg/l | > 4000 mg/l | 160 mg/l |

SECTION 13: Disposal Considerations

13.1 WASTE TREATMENT METHODS: If recycling is not practicable, dispose of in compliance with local regulations. Waste codes should be assigned by the user based on the application for which the product was used. Empty containers should be taken to an approved waste handling site for recycling or disposal.

European Waste Code: 010409

Packaging Waste Code: 150110

SECTION 14: Transport Information

| | ADR/RID | ADN | IMDG | IATA |
|--|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 14.1 UN-number or ID number | N/A | N/A | N/A | N/A |
| 14.2 UN proper shipping name | Not regulated for transport | Not regulated for transport | Not regulated for transport | Not regulated for transport |
| 14.3 Transport Hazard Class(es) | N/A | N/A | N/A | N/A |
| 14.4 Packing Group | No Information | No Information | No Information | No Information |
| 14.5 Enviromental Hazards | No Information | No Information | No Information | No Information |

- 14.6 Special precautions for user** Not applicable
EmS-No.: N/A
- 14.7 Maritime transport in bulk according to IMO intruments** Not applicable

SECTION 15: Regulatory Information**15.1 Safety, health and environmental regulations/legislation for the substance or mixture:****National Regulations:**

- Denmark Product Registration Number:** Not available
- Danish MAL Code:** 00-1 (1993)
- Danish MAL Code - Mixture:** Not available
- Sweden Product Registration Number:** Not available
- Norway Product Registration Number:** Not available
- Germany WGK Class:** Not available

Covered by Directive 2012/18/EC (Seveso III): Not applicable

Restrictions to product or to substances according to Annex XVII, Regulation (CE) 1907/2006: Not applicable

Annex XIV, Regulation (CE) 1907/2006 - Authorisation List:

CAS-No. Name According to EEC

Not Applicable

SVHC - Substances of very high concern (Candidate List - Art. 59 REACH):

CAS-No. Name According to EEC

Not Applicable

15.2 Chemical Safety Assessment:

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16: Other Information

Text for CLP Hazard Statements shown in Section 3 describing each ingredient:

| | |
|------|--------------------------------------|
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H318 | Causes serious eye damage. |
| H335 | May cause respiratory irritation. |
| H350 | May cause cancer. |
| H370 | Causes damage to organs. |

Reasons for revision

Substance and/or Product Properties Changed in Section(s) :

08 - Exposure Controls/Personal Protection

15 - Regulatory Information

Revision Statement(s) Changed

Changes have been made to Section 9 of the Safety Data Sheet (SDS). Please refer to the Physical and Chemical Properties information in Section 9 of this SDS. This Safety Data Sheet (SDS) has been revised to meet updated national hazard communication standards which have adopted the provisions of the UN GHS system. There have been both formatting and content changes based on the GHS

classification (if applicable), Please review each section of the SDS for specific changes. This Safety Data Sheet (SDS) has been revised to meet the new EU CLP requirements. There have been both formatting and content changes based on the CLP classification (if applicable), please review each section of the SDS for specific changes.

List of References:

This Safety Data Sheet was compiled with data and information from the following sources:

- The Ariel Regulatory Database provided by the 3E Corporation in Copenhagen, Denmark.
- Joint Research Centre in Ispra, Italy.
- Regulation (EC) 1272/2008 with subsequent amendments.
- Regulation (EC) 1272/2006 with subsequent amendments.
- Commission Regulation (EU) 2020/878
- EU Council Decision 2000/532/EC and its Annex entitled "List of Wastes"
- Safety Data Sheet from raw material supplier
- The classification declared in sec. 2.2 is based on the calculation methods set out in Annex I and Annex II of the CLP Reg. 1272/2008 on the composition of the formula.

Acronym & Abbreviation Key:

| | |
|-------------------|---|
| CLP | Classification, Labeling & Packaging Regulation |
| EC | European Commission |
| EU | European Union |
| US | United States |
| CAS | Chemical Abstract Service |
| EINECS | European Inventory of Existing Chemical Substances |
| REACH | Registration, Evaluation, Authorization of Chemicals Regulation |
| GHS | Globally Harmonized System of Classification and Labeling of Chemicals |
| LTEL | Long term exposure limit |
| STEL | Short term exposure limit |
| OEL | Occupational exposure limit |
| ppm | Parts per million |
| mg/m ³ | Milligrams per cubic meter |
| TLV | Threshold Limit Value |
| ACGIH | American Conference of Governmental Industrial Hygienists |
| OSHA | Occupational Safety & Health Administration |
| PEL | Permissible Exposure Limits |
| VOC | Volatile organic compounds |
| g/l | Grams per liter |
| mg/kg | Milligrams per kilogram |
| N/A | Not applicable |
| LD50 | Lethal dose at 50% |
| LC50 | Lethal concentration at 50% |
| EC50 | Half maximal effective concentration |
| IC50 | Half maximal inhibitory concentration |
| PBT | Persistent bioaccumulative toxic chemical |
| vPvB | Very persistent and very bioaccumulative |
| EEC | European Economic Community |
| ADR | International Transport of Dangerous Goods by Road |
| RID | International Transport of Dangerous Goods by Rail |
| UN | United Nations |
| IMDG | International Maritime Dangerous Goods Code |
| IATA | International Air Transport Association |
| MARPOL | International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978 |
| IBC | International Bulk Container |
| RTI | Respiratory Tract Irritation |
| NE | Narcotic Effects |
| IMO | International Maritime Organization |
| Note P: | The classification as a carcinogen or mutagen need not apply; the substance |

contains less than 0,1 % w/w benzene
Note 10: The classification as a carcinogen by inhalation applies only to mixtures in powder form containing 1 % or more of titanium dioxide which is in the form of or incorporated in particles with aerodynamic diameter $\leq 10 \mu\text{m}$.

For further information, please contact: Technical Services Department

The information on this sheet corresponds to our present knowledge. It is not a specification and it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage, and use of the product. It is not applicable to unusual or non-standard uses of the product or where instructions and recommendations are not followed.