1 Identification

Product identifier

Trade name: Preprufe SCS Port Patch

SDS ID Number: 46308

Relevant identified uses of the substance or mixture, and uses advised against

Specialty construction product. Not intended for other uses

Details of the supplier of the safety data sheet

Manufacturer/Supplier:
GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA

GCP Canada, Inc.
294 Clements Road W.
Ajax, Ontario L1S 3C6 Canada

Information department:
Environmental Health & Safety
USA: +1-617-876-1400 (24 hours)
+1-800-354-5414 (8AM - 5PM) Not functional within Massachusetts
CAN: 1-905-683-8561 (24 hours)
Email address: msds.gcp@gcpat.com

Transport Emergency: Chemtrec +1-800-424-9300 (24 hours)

2 Hazard(s) identification

Classification of the substance or mixture

Depending on the type of handling and use, airborne respirable crystalline silica may be generated. Prolonged and/or massive inhalation of respirable silica dust may cause silicosis. Occupational exposure to respirable crystalline silica should be monitored and controlled.

This product should be handled with care to avoid dust generation.

Causes severe skin burns and eye damage.

Causes serious eye damage.

May cause cancer.

Label elements:

Hazard pictograms

GHS05  GHS08

Danger

Hazard statements
Causes severe skin burns and eye damage.
May cause cancer.

Precautionary statements
Wear protective gloves/protective clothing/eye protection/face protection.

(Cont. on page 2)
### 3 Composition/information on ingredients

**Chemical characterization:** Mixture

**Description:** Mixture of the hazardous substance(s) listed below with additional nonhazardous ingredients.

<table>
<thead>
<tr>
<th>Hazardous components:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-16-2 Calcium sulphoaluminate cement</td>
<td>50-100%</td>
</tr>
<tr>
<td>65997-15-1 Portland cement</td>
<td>10-20%</td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO2)</td>
<td>1.0-2.0%</td>
</tr>
</tbody>
</table>

**Additional information:** Non-hazardous ingredients may be listed in Section 15; Right-To-Know disclosure.

### 4 First-aid measures

**Description of first aid measures**

**General information:** Get medical advice/attention if you feel unwell.

**After inhalation:**
Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

**After skin contact:**
Immediately wash contaminated skin with soap or mild detergent and water. If this chemical soaks clothing, immediately remove clothing and wash skin.
Remove contaminated clothing and wash before reuse.

**After eye contact:**
Flush opened eye with large quantities of running water for at least 15 minutes. If symptoms persist, consult a doctor.

**After swallowing:**
Do NOT induce vomiting.
Immediately call a doctor.
Never give anything by mouth to an unconscious person.
**Trade name: Preprufe SCS Port Patch**

**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: No further relevant information available.

**5 Fire-fighting measures**

Special hazards arising from the substance or mixture: No further relevant information available.
Additional information: Collect contaminated fire fighting water separately. It must not enter the sewage system.

**6 Accidental release measures**

Personal precautions, protective equipment and emergency procedures:
Wear protective equipment. Keep unprotected persons away.
Methods and material for containment and cleaning up:
If spilled, prevent material from entering water systems. Observe the listed Precautionary Measures found in Section 7 of this document. Dry spills should be immediately swept up and placed in a suitable container to prevent further release of material. Slurry spills should be immediately contained (to minimize the extent of the spill) and absorbed with an inert, non-combustible material. Place material in a suitable container to prevent further release.
Use proper personal protective equipment. Do not flush to sewer or allow to enter waterways.

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:
Risk of serious damage to eyes.
Open and handle receptacle with care.
Information about protection against explosions and fires:
Keep respiratorator available.
Conditions for safe storage, including any incompatibilities:
Storage:
Information about storage in one common storage facility: Keep respiratorator available.
Further information about storage conditions: Keep receptacle tightly sealed.
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:

<table>
<thead>
<tr>
<th>Component</th>
<th>PEL (USA)</th>
<th>REL (USA)</th>
<th>TLV (USA)</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-15-1 Portland cement</td>
<td>Long-term value: 50 mppcf or 15* 5** mg/m³</td>
<td>Long-term value: 10* 5** mg/m³</td>
<td>Long-term value: 1* mg/m³</td>
</tr>
<tr>
<td><strong>total dust</strong></td>
<td><strong>respirable fraction</strong></td>
<td><strong>total dust</strong></td>
<td><strong>respirable fraction</strong></td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO₂)</td>
<td>Long-term value: 0.05* mg/m³</td>
<td>Respirable dust; see pocket guide App. A</td>
<td>Long-term value: 0.025* mg/m³</td>
</tr>
<tr>
<td><strong>respirable fraction</strong></td>
<td></td>
<td></td>
<td>0.025 (resp.) for α-quartz and cristobalite</td>
</tr>
</tbody>
</table>

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

Work/Hygienic Practices:
Use good personal hygiene practices.
Use bag opening and disposal procedures which minimize dust release. Equip mixers with dust covers to minimize dust released during mixing cycle. After each work shift, workers should shower with soap and water. Work clothing should be changed daily.

Portland Cement may contain trace amounts of heavy metals recognized as carcinogens by NTP, OSHA or IARC.
Quartz (Crystalline silica) is a naturally-occurring mineral that is commonly contained in materials that are mined from the earth’s surface such as sand, limestone, clay and gypsum (Calcium sulfate). Total quartz is a value usually representing the combined fractions of large, nonrespirable sized particles and of respirable sized particles (less than ten microns in aerodynamic diameter). It is only the respirable fraction of total quartz that is recognized as hazardous by professionals in the field of Occupational Health and by most regulatory agencies.

Exposure controls
Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organizational measures, eg. by isolating personnel from dusty areas. Remove and wash soiled clothing.

Personal protective equipment:
General protective and hygienic measures:
Avoid contact with the eyes and skin.
The usual precautionary measures for handling chemicals should be followed.
Store protective clothing separately.

Breathing equipment:
Control exposure to ingredients with workplace control parameters if mentioned above. If no ingredients are listed, respiratory protection is generally not required.
If exposure limits are listed and may be exceeded, use approved respiratory protective equipment and filter type appropriate for the listed ingredients. (NIOSH, CEN, etc.).

Protection of hands:

Alkaline resistant gloves

Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.

Material of gloves
Gloves should be worn to prevent skin contact and should be impermeable and resistant to the product.
**Eye protection:**

Safety glasses with side shield protection.

Safety glasses with side shields should be worn to prevent contact due to splashing. Under high vapor mist concentrations, tightly sealed goggles should be worn.

A face shield should also be worn if there is potential exposure to splash or spray.

**Body protection:**

Protective work clothing

Use personal protective equipment as required.

Take off contaminated clothing.

---

### 9 Physical and chemical properties

#### Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>General Information</th>
<th>Appearance:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form:</td>
<td>Solid</td>
</tr>
<tr>
<td>Color:</td>
<td>White to black powder.</td>
</tr>
<tr>
<td>Odor:</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold:</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>pH-value (~) at 20 °C (68 °F):</th>
<th>12</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Change in condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melting point/Melting range:</td>
</tr>
<tr>
<td>Boiling point/Boiling range:</td>
</tr>
<tr>
<td>Flash point:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flammability (solid, gaseous):</th>
<th>Not determined.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Decomposition temperature:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto igniting:</td>
</tr>
<tr>
<td>Product is not self-igniting.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Danger of explosion:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product does not present an explosion hazard.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Explosion limits:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower: Not determined.</td>
</tr>
<tr>
<td>Upper: Not determined.</td>
</tr>
<tr>
<td>VOC Content (max): Not determined.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Vapor pressure:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Density: (~) Not determined.</td>
</tr>
<tr>
<td>Relative density Not determined.</td>
</tr>
<tr>
<td>Vapor density Not applicable.</td>
</tr>
<tr>
<td>Evaporation rate Not applicable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Solubility in / Miscibility with</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water: Not miscible or difficult to mix.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Partition coefficient (n-octanol/water):</th>
<th>Not determined.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Viscosity:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dynamic: Not applicable.</td>
</tr>
<tr>
<td>Kinematic: Not applicable.</td>
</tr>
<tr>
<td>Molecular weight Not applicable.</td>
</tr>
</tbody>
</table>

(Cont. from page 6)
10 Stability and reactivity

Reactivity  Stable under normal conditions.

Chemical stability

Thermal decomposition: No decomposition if used according to specifications.

Possibility of hazardous reactions No further relevant information available.

Conditions to avoid No further relevant information available.

Incompatible materials: No further relevant information available.

Hazardous decomposition products: Carbon monoxide and carbon dioxide

Additional information: See section 7 for information on handling, storage and conditions to be avoided.

11 Toxicological information

Prolonged and or massive exposure to respirable crystalline silica containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

Information on toxicological effects

Acute toxicity:

Primary irritant effect:

on the skin: Causes severe skin burns and eye damage.

on the eye: Causes serious eye damage.

inhalation: No irritating effect expected

Additional toxicological information:

Carcinogenic categories

<table>
<thead>
<tr>
<th>Agency</th>
<th>Category</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>IARC (International Agency for Research on Cancer)</td>
<td>Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable</td>
<td></td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO2)</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>NTP (National Toxicology Program)</td>
<td>K-Known to be carcinogenic, R-May reasonably be anticipated to be carcinogenic</td>
<td></td>
</tr>
<tr>
<td>14808-60-7 Quartz (SiO2)</td>
<td>K</td>
<td></td>
</tr>
<tr>
<td>OSHA-Ca (Occupational Safety &amp; Health Administration)</td>
<td>None of the ingredients is listed.</td>
<td></td>
</tr>
</tbody>
</table>

12 Ecological information

Toxicity

Aquatic toxicity: No further relevant information available.

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:
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

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

Other adverse effects No further relevant information available.

13 Disposal considerations

Disposal methods:
Consult all regulations (federal, state, provincial, local) or a qualified waste disposal firm when characterizing product for disposal. Dispose of waste in accordance with all applicable regulations.

Recommendation:
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:
Recommendation: Dispose of contents/container in accordance with local/regional/national/international regulations.

14 Transport information

| UN-Number | DOT, IMDG, IATA | Not applicable. |
| UN proper shipping name | DOT, IMDG, IATA | Not applicable. |
| Transport hazard class(es) | DOT, IMDG, IATA | Not applicable. |
| Class | | |
| Packing group | DOT, IMDG, IATA | Not applicable. |
| Environmental hazards: Marine pollutant: | | No |
| Special precautions for user | | Not applicable. |
| Transport/Additional information: Not classified as a dangerous good for transport by road, rail or air. | | |
| DOT Remarks: | | Not Regulated. |
| UN "Model Regulation": | | Not applicable. |
## 15 Regulatory information

### SARA (Superfund Amendments and Reauthorization Act)

**Section 302/304 (extremely hazardous substances):**

None of the ingredients is listed.

**Section 313 Reportable Ingredients (Chemicals present below reporting threshold are exempt):**

None of the ingredients is listed.

### SARA Section 312/Tier I & II Hazard Categories:

- Health Hazard - Carcinogenicity
- Health Hazard - Skin Corrosion or Irritation
- Health Hazard - Serious eye damage or eye irritation

### North America Chemical Inventory Status

**TSCA (Toxic Substances Control Act - United States):**

All ingredients are listed or exempt from listing unless otherwise noted below.

**CEPA (Canadian DSL):**

All ingredients are listed or exempt from listing unless otherwise noted below.

### California Proposition 65

**Chemicals known to cause cancer:**

- Quartz (SiO2)

**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.

### Carcinogenicity Categories

**EPA (Environmental Protection Agency)**

None of the ingredients is listed.

**TLV-ACGIH (THE American Conference of Governmental Industrial Hygienists)**

- Human Carcinogen - A1 Confirmed, A2 Suspected, A3 Unknown Relevance, A4 Not Classifiable
  - Quartz (SiO2) A2

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

14808-60-7 Quartz (SiO2)

### Volatile Organic Compounds (VOC) reported per the Emission Standards.

If no g/L value is provided this product is not subject to above standard.

## 16 Other information

The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection.

### Department issuing SDS:

GCP Applied Technologies
62 Whittemore Avenue
Cambridge, MA 02140 USA
USA: +1-617-876-1400 (24 hours)
  +1-800-354-5414

**Date of preparation / last revision** 03/29/2017

**The first date of preparation** 07/29/2008

**Number of revision times and the latest revision date** 1.0 / 03/29/2017