1 Identification

Product identifier
Trade name: *MC-300, MC-500, MC-500 Rock, MC-800, MC-800 Rock*

SDS ID Number: 2435

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 skin irritation.
Causes serious eye damage.
May cause an allergic skin reaction.
May cause cancer.
May cause respiratory irritation.

Label elements:

Hazard pictograms

- GHS05
- GHS07
- GHS08

Danger

Hazard statements
Causes skin irritation.
Causes serious eye damage.
Trade name: MC-300, MC-500, MC-500 Rock, MC-800, MC-800 Rock

May cause an allergic skin reaction.  
May cause cancer.  
May cause respiratory irritation.  

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves/protective clothing/eye protection/face protection.  
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
IF ON SKIN: Wash with plenty of water.  
If skin irritation or rash occurs: Get medical advice/attention.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF exposed or concerned: Get medical advice/attention.  
Immediately call a POISON CENTER/doctor.  

Additional information: Avoid breathing dust.  

Inhalation: Causes respiratory tract irritation.  

NFPA ratings (scale 0 - 4)

- Health = 2  
- Fire = 0  
- Reactivity = 0

HMIS-ratings (scale 0 - 4)

- Health = *2  
- Flammability = 0  
- Reactivity = 0

Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.  
vPvB: Not applicable.

### 3 Composition/information on ingredients

Chemical characterization: Mixture

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

**Hazardous components:**

<table>
<thead>
<tr>
<th>Substance ID</th>
<th>Substance Name</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>65997-15-1</td>
<td>Portland cement</td>
<td>50-100%</td>
</tr>
<tr>
<td>14808-60-7</td>
<td>Quartz (SiO2)</td>
<td>0.1-1.0%</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.

**After eye contact:** Rinse cautiously with water for several minutes.

**After swallowing:** Rinse mouth.
Trade name: MC-300, MC-500, MC-500 Rock, MC-800, MC-800 Rock

Do NOT induce vomiting.

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:
Contain and/or absorb spill with inert material (i.e. sand, vermiculite) then place in a suitable container.
Sweep up spilled product into receptacles.
Dispose contaminated material as waste according to section 13 of the SDS.

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.
Avoid contact with skin.
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 ID</th>
<th>Component Name</th>
<th>REL (USA) Long-term value</th>
<th>TLV (USA) Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>Quartz (SiO2)</td>
<td>0.05* mg/m³</td>
<td>0.025* mg/m³</td>
</tr>
</tbody>
</table>

*Respirable dust; see pocket guide App. A

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

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:

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:

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></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance:</strong></td>
<td>Solid</td>
</tr>
<tr>
<td><strong>Color:</strong></td>
<td>According to product specification</td>
</tr>
<tr>
<td><strong>Odor:</strong></td>
<td>Characteristic</td>
</tr>
<tr>
<td><strong>Odor threshold:</strong></td>
<td>Not determined.</td>
</tr>
</tbody>
</table>

| **pH-value (~):**   | Not applicable. |

<table>
<thead>
<tr>
<th>Change in condition</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Melting point/Melting range:</strong></td>
<td>Undetermined.</td>
</tr>
<tr>
<td><strong>Boiling point/Boiling range:</strong></td>
<td>Undetermined.</td>
</tr>
<tr>
<td><strong>Flash point:</strong></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

| Flammability (solid, gaseous): | Not determined. |

| **Decomposition temperature:** | Not determined. |
| **Auto igniting:**             | Product is not self-igniting. |
| **Danger of explosion:**       | Product does not present an explosion hazard. |

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

| **Vapor pressure:**         | Not applicable. |
| **Density: (~)**            | Not determined. |
| **Relative density:**       | Not determined. |
| **Vapor density**           | Not applicable. |
| **Evaporation rate**        | Not applicable. |

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

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

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

| **Other information** | No further relevant information available. |

### 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 skin irritation.

on the eye: Causes serious eye damage.

inhalation: Causes damage to organs.

Sensitization: May cause an allergic skin reaction.

Additional toxicological information:

Carcinogenic categories

IARC (International Agency for Research on Cancer) Human Carcinogenicity:

Group 1- Positive, Group 2A- Probable, Group 2B- Possible, Group 3- Not Classifiable

<table>
<thead>
<tr>
<th>IARC Code</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>Quartz (SiO2)</td>
</tr>
</tbody>
</table>

NTP (National Toxicology Program)

K–Known to be carcinogenic, R–May reasonably be anticipated to be carcinogenic

<table>
<thead>
<tr>
<th>NTP Code</th>
<th>Substance</th>
</tr>
</thead>
<tbody>
<tr>
<td>14808-60-7</td>
<td>Quartz (SiO2)</td>
</tr>
</tbody>
</table>

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.

Behavior in environmental systems:

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Additional ecological information:

General notes: Not known to be hazardous to water.

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.
Trade name: MC-300, MC-500, MC-500 Rock, MC-800, MC-800 Rock

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. |
| Packing group | DOT, IMDG, IATA | Not applicable. |
| Environmental hazards: | Marine pollutant: | No |
| Special precautions for user | Not applicable. |
| Transport/Additional information: | DOT | Not Regulated. |
| Remarks: | 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 - Respiratory or Skin Sensitization
Health Hazard - Serious eye damage or eye irritation
Health Hazard - Specific target organ toxicity (single or repeated exposure)

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.

(Cont. from page 6)
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 03/24/2017 / -
The first date of preparation 04/23/2015

Number of revision times and the latest revision date 1.0 / 03/24/2017