

Creation Date No data available

Revision Date 19-Jun-2023

Version 2

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product identifier****Product Name** PC® 80M Mortar - Component 2**Other means of identification****Product Code** OCPC00019**Synonyms** No**Recommended Use****Description** Adhesive and Bore Coating for FOAMGLAS® insulation  
**Recommended Use** Adhesives Restricted to professional users**Uses advised against** No information available**Details of the supplier of the safety data sheet****Initial Supplier Identifier**Owens Corning Canada LP  
3450 McNicoll Ave  
Scarborough, Ontario  
M1V 1Z5**Emergency telephone number****Initial supplier phone number** 1-800-327-6126 or 1-724-327-6100  
**24 Hour Emergency Phone Number** Chemtrec 1-800-424-9300 or 1-703-741-5970 CCN17393  
**Emergency Telephone** 1-419-248-5330 (after 5 pm ET and weekends)**2. HAZARDS IDENTIFICATION****Classification****Label elements****Hazard statements****Other Information**

May be harmful if inhaled

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substance**

| Chemical name    | CAS No.   | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|------------------|-----------|----------|--|---|
| Amorphous silica | 7631-86-9 | 10-25    | -  | -   |

**4. FIRST AID MEASURES****Description of First Aid Measures**

|              |  |
|--------------|--|
| Inhalation   | <ul style="list-style-type: none"><li>• Remove to fresh air</li></ul>  |
| Eye contact  | <ul style="list-style-type: none"><li>• Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes</li><li>• If eye irritation persists: Get medical advice/attention</li></ul> |
| Skin contact | <ul style="list-style-type: none"><li>• Wash off immediately with plenty of water</li><li>• Wash contaminated clothing before reuse</li><li>• If symptoms persist, call a physician</li></ul>                |
| Ingestion    | <ul style="list-style-type: none"><li>• Rinse mouth</li><li>• DO NOT induce vomiting</li><li>• If symptoms persist, call a physician</li></ul>   |

**Most important symptoms and effects, both acute and delayed**

|          |                           |
|----------|---------------------------|
| Symptoms | No information available. |
|----------|---------------------------|

**Indication of any immediate medical attention and special treatment needed**

|                    |                        |
|--------------------|------------------------|
| Note to physicians | Treat symptomatically. |
|--------------------|------------------------|

**5. FIRE-FIGHTING MEASURES**

|  |  |
|--|--|
| Suitable Extinguishing Media                   | <ul style="list-style-type: none"><li>• Water spray (fog)</li><li>• Alcohol resistant foam</li><li>• Carbon dioxide (CO2)</li><li>• Extinguishing powder</li></ul> |
| Unsuitable extinguishing media                 | None known.  |
| Specific hazards arising from the chemical     | No information available.  |
| Explosion data                                 |  |
| Sensitivity to Mechanical Impact No.           |  |
| Sensitivity to Static Discharge                | No.  |
| Special protective equipment for fire-fighters | As in any fire, wear self-contained breathing apparatus (positive-pressure), MSHA/NIOSH (approved or equivalent) and full protective gear.                         |

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### Personal precautions

- Ensure adequate ventilation, especially in confined areas
- Use personal protective equipment as required

#### For emergency responders

- Ensure procedures and training for emergency decontamination and disposal are in place

### Environmental precautions

#### Environmental precautions

- See Section 12 for additional Ecological Information
- Do not allow into any sewer, on the ground or into any body of water

### Methods and material for containment and cleaning up

#### Methods for containment

- Prevent further leakage or spillage if safe to do so

#### Methods for cleaning up

- Pick up and transfer to properly labeled containers

#### Prevention of secondary hazards

- Clean contaminated objects and areas thoroughly observing environmental regulations

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Advice on safe handling

- Ensure adequate ventilation, especially in confined areas
- Use personal protection equipment
- Avoid contact with eyes
- Avoid breathing vapors or mists
- Avoid creating dust

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

- Keep from freezing
- Keep container tightly closed in a dry and well-ventilated place

#### Incompatible materials

- None known based on information supplied

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Limits

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

#### Engineering controls

- Showers
- Eyewash stations
- Ventilation systems

### Individual protection measures, such as personal protective equipment

#### Eye/face protection

- Wear safety glasses with side shields (or goggles)

|                                       |   |
|---------------------------------------|---|
| <b>Skin and body protection</b>       | <ul style="list-style-type: none"> <li>• No special protective equipment required</li> </ul>  |
| <b>Respiratory protection</b>         | <ul style="list-style-type: none"> <li>• If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations</li> </ul>                            |
| <b>General hygiene considerations</b> | <ul style="list-style-type: none"> <li>• Handle in accordance with good industrial hygiene and safety practice</li> <li>• Wash face, hands and any exposed skin thoroughly after handling</li> <li>• Keep away from food, drink and animal feeding stuffs</li> <li>• Do not eat, drink or smoke when using this product</li> <li>• Take off contaminated clothing and wash it before reuse</li> </ul> |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Liquid                   |
| <b>Appearance</b>     | No information available |
| <b>Color</b>          | Clear                    |
| <b>Odor</b>           | Odorless                 |
| <b>Odor threshold</b> | No information available |

| <u>Property</u>                       | <u>Values</u>             | <u>Remarks • Method</u> |
|---------------------------------------|---------------------------|-------------------------|
| <b>pH</b>                             | 9.2 – 10.4 (@25°C)        |                         |
| <b>Melting point / freezing point</b> | 0 / 32 °F                 |                         |
| <b>Boiling point / boiling range</b>  | 100 °C / 212 °F           |                         |
| <b>Flash point</b>                    | Not applicable / °F       |                         |
| <b>Evaporation rate</b>               | Not applicable            | None known              |
| <b>Flammability (solid, gas)</b>      | No data available         | None known              |
| <b>Flammability Limit in Air</b>      |                           | None known              |
| <b>Upper flammability limit:</b>      | No data available         |                         |
| <b>Lower flammability limit:</b>      | No data available         |                         |
| <b>Vapor pressure</b>                 | 23 hPa @ 20°C             |                         |
| <b>Density VALUE</b>                  | No data available         | None known              |
| <b>Relative density</b>               | 1.1 – 1.3 g/cm³ @ 20°C    |                         |
| <b>Water solubility</b>               | Miscible in water         |                         |
| <b>Solubility in other solvents</b>   | No data available         | None known              |
| <b>Partition coefficient</b>          | No data available         | None known              |
| <b>Autoignition temperature</b>       | Not applicable / °F       |                         |
| <b>Decomposition temperature</b>      | No data available         | None known              |
| <b>Viscosity</b>                      | Not determined            | None known              |
| <b>Dynamic viscosity</b>              | 20 - 45 mPa·s (25°C)      |                         |
| <b>Explosive properties</b>           | No information available. |                         |
| <b>Oxidizing properties</b>           | No information available. |                         |

### Other Information

|                                    |                          |
|------------------------------------|--------------------------|
| <b>Softening point</b>             | No information available |
| <b>Molecular weight</b>            | No information available |
| <b>VOC</b>                         | 0                        |
| <b>Percent Volatile by Volume:</b> | No information available |
| <b>Liquid Density</b>              | No information available |
| <b>Bulk density</b>                | No information available |

## 10. STABILITY AND REACTIVITY

|                   |   |
|-------------------|---|
| <b>Reactivity</b> | <ul style="list-style-type: none"> <li>• No data available</li> </ul> |
|-------------------|---|

|   |  |
|---|--|
| <b>Chemical stability</b>                 | • Stable under recommended storage conditions  |
| <b>Possibility of Hazardous Reactions</b> | • None under normal processing conditions  |
| <b>Conditions to avoid</b>                | • Keep at temperatures between 2 and 43 °C<br>• P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking |
| <b>Incompatible materials</b>             | • None known based on information supplied   |
| <b>Hazardous Decomposition Products</b>   | • None known based on information supplied   |

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available. |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. |
| <b>Ingestion</b>    | Specific test data for the substance or mixture is not available. |

### Information on toxicological effects

|                 |                           |
|-----------------|---------------------------|
| <b>Symptoms</b> | No information available. |
|-----------------|---------------------------|

### Numerical measures of toxicity

#### Acute toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

|                                      |                |
|--------------------------------------|----------------|
| <b>ATEmix (oral)</b>                 | 7,929.70 mg/kg |
| <b>ATEmix (dermal)</b>               | 5,023.80 mg/kg |
| <b>ATEmix (inhalation-dust/mist)</b> | 59.08 mg/l     |

|                               |                          |
|-------------------------------|--------------------------|
| <b>Unknown acute toxicity</b> | No information available |
|-------------------------------|--------------------------|

#### Components Information

| Chemical name                 | Oral LD50            | LD50/dermal/rat - NO UNITS<br>(Wizards mg/kg) | Inhalation LC50         |
|-------------------------------|----------------------|---|-------------------------|
| Amorphous silica<br>7631-86-9 | = 7900 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit )                       | > 58.8 mg/L ( Rat ) 4 h |

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

|  |  |
|--|--|
| <b>Skin corrosion/irritation</b>         | Based on available data, the classification criteria are not met.                        |
| <b>Serious eye damage/eye irritation</b> | Based on available data, the classification criteria are not met.                        |
| <b>Respiratory or skin sensitization</b> | No information available.  |
| <b>Germ cell mutagenicity</b>            | No information available.  |
| <b>Carcinogenicity</b>                   | The table below indicates whether each agency has listed any ingredient as a carcinogen. |

| Chemical name | ACGIH | IARC | NTP | OSHA |
|---------------|-------|------|-----|------|
|---------------|-------|------|-----|------|

|                               |   |         |   |   |
|-------------------------------|---|---------|---|---|
| Amorphous silica<br>7631-86-9 | - | Group 3 | - | - |
|-------------------------------|---|---------|---|---|

**IARC (International Agency for Research on Cancer)**

Group 3 - Not Classifiable as to Carcinogenicity in Humans

**Reproductive toxicity** No information available.**STOT - single exposure** No information available.**STOT - repeated exposure** No information available.**Aspiration hazard** No information available.**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

- The environmental impact of this product has not been fully investigated
- This product is not expected to be hazardous for the environment.

| Chemical name                 | Algae/aquatic plants                                      | Fish   | Toxicity to microorganisms | Crustacea                                  |
|-------------------------------|---|--|----------------------------|--|
| Amorphous silica<br>7631-86-9 | 440: 72 h<br>Pseudokirchneriella<br>subcapitata mg/L EC50 | 5000: 96 h Brachydanio<br>rerio mg/L LC50 static | -                          | 7600: 48 h Ceriodaphnia<br>dubia mg/L EC50 |

**Persistence and degradability** No information available.**Bioaccumulation** No information available.**Other adverse effects** No information available.**13. DISPOSAL CONSIDERATIONS****Waste treatment methods****Waste from residues/unused products** Disposal should be in accordance with applicable regional, national and local laws and regulations.**Contaminated packaging** Do not reuse empty containers.**14. TRANSPORT INFORMATION****TDG** Not regulated**DOT** Not regulated**MEX** Not regulated**ICAO (air)** Not regulated**IATA** Not regulated**IMDG** Not regulated**15. REGULATORY INFORMATION**

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

Ozone-depleting substances (ODS) Not applicable

Persistent Organic Pollutants Not applicable

Export Notification requirements Not applicable

**International Inventories**

|          |                 |
|----------|-----------------|
| TSCA     | Complies        |
| DSL/NDSL | Complies        |
| ENCS     | Does not comply |
| IECSC    | Complies        |
| KECL     | Complies        |
| PICCS    | Complies        |
| AICS     | Does not comply |

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

**16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION**

|             |                  |                |                    |                                    |
|-------------|------------------|----------------|--------------------|------------------------------------|
| <b>NFPA</b> | Health hazards 0 | Flammability 0 | Instability 0      | Physical and chemical properties - |
| <b>HMIS</b> | Health hazards 0 | Flammability 0 | Physical hazards 0 | Personal protection X              |

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

|         |                             |      |                                  |
|---------|-----------------------------|------|----------------------------------|
| TWA     | TWA (time-weighted average) | STEL | STEL (Short Term Exposure Limit) |
| Ceiling | Maximum limit value         | *    | Skin designation                 |

Revision Date 19-Jun-2023

Revision Note Update of document format.

**Disclaimer**

The information provided in this Safe User Instruction Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**