

Revision Date
19-Jun-2023

Version
2

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name PC® 80M Mortar Powder

Synonyms Ground glass/sand mixture

Product Code OCPC00018

Description Adhesive and Bore Coating for FOAMGLAS® insulation

Recommended Use Adhesives
For professional use

Company Phone Number 1-800-GET-PINK or 1-800-438-7465

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)

E-mail address productcompliance@owenscorning.com

Company Website <http://www.foamglas.com/>

2. HAZARDS IDENTIFICATION

OSHA Regulatory Status This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Carcinogenicity	Category 1A
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Label elements

Danger

Hazard statements May cause cancer



ERG Code IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Prevention

- Obtain special instructions before use
- Do not handle until all safety precautions have been read and understood
- Use personal protective equipment as required

Precautionary Statements - Storage • Store locked up

Precautionary Statements - Disposal • Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified • Not applicable

(HNOC)

Unknown acute toxicity

• No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Product Components

Chemical name	CAS No.	Weight-%	Trade Secret
Silica-crystalline, quartz	14808-60-7	50 -70	*
Glass, oxides	65997-17-3	30-50	*

*The exact percentage (concentration) of composition has been withheld as a trade secret

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

- Rinse thoroughly with plenty of water, also under the eyelids
- If eye irritation persists: Get medical advice/attention

Skin contact

- Wash with plenty of water

Inhalation

- Remove to fresh air

Ingestion

- Clean mouth with water and drink afterwards plenty of water

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

- Water spray (fog)
- Alcohol resistant foam
- Carbon dioxide (CO2)
- Extinguishing powder

Unsuitable extinguishing media

- None known

Specific hazards arising from the chemical

- Do not allow run-off from fire-fighting to enter drains or water courses
- Dispose of waste in accordance with environmental legislation

Explosion data**Sensitivity to Mechanical Impact** • No**Sensitivity to Static Discharge** • No**Protective equipment and precautions for firefighters**

- 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

- Do not breathe dust
- For emergency responders**
 - Ensure procedures and training for emergency decontamination and disposal are in place.
 - Use personal protections recommended in Section 8
- Environmental precautions**
 - See Section 12 for ecotoxicology additional 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

7. HANDLING AND STORAGE

- Advice on safe handling**
 - Use personal protective equipment as required
 - Ensure adequate ventilation, especially in confined areas
 - Avoid contact with eyes
 - Do not breathe dust/fume/gas/mist/vapors/spray

Conditions for safe storage, including any incompatibilities

- Storage Conditions**
 - Keep containers tightly closed in a dry, cool and well-ventilated place
- Incompatible materials**
 - None known based on information supplied

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Control parameters****Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH REL
Silica-crystalline, quartz 14808-60-7	TWA: 0.025 mg/m ³ respirable particulate matter	TWA: 50 µg/m ³ : (250)/(%SiO ₂ + 5) mppcf TWA respirable fraction : (10)/(%SiO ₂ + 2) mg/m ³ TWA respirable fraction	IDLH: 50 mg/m ³ respirable dust TWA: 0.05 mg/m ³ respirable dust
Glass, oxides 65997-17-3	3 mg/m ³ (respirable particles); 10mg/m ³ (inhalable particles)	15mg/m ³ (total particulate); 5mg/m ³ (respirable fraction)	-

- 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)
 - (EN 166)
- Skin and body protection**
 - No special technical protective measures are necessary
- Respiratory protection**
 - 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
- General Hygiene Considerations**
 - Handle in accordance with good industrial hygiene and safety practice
 - Wash hands before breaks and immediately after handling products
 - Do not eat, drink or smoke when using this product
 - Take off all contaminated clothing and wash it before reuse

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Odor	Odorless
Color	White to Brown
pH value	5 - 8 (400 g/l @ 20 C)
Melting point / freezing point	> 1610 °C / 2930 °F
Boiling point / boiling range	
Flash point	Not applicable / °F
Evaporation rate	
Water solubility	Insoluble in water
Autoignition temperature	/ °F
Specific Gravity	2 - 3 (Water = 1)
VOC	0

10. STABILITY AND REACTIVITY

Reactivity	• No data available
Chemical stability	• Stable under recommended storage conditions
Possibility of Hazardous Reactions	• None under normal processing conditions
Conditions to avoid	• dust formation
Incompatible materials	• None known based on information supplied
Hazardous Decomposition Products	• None known based on information supplied

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure**

Product Information Product does not present an acute toxicity hazard based on known or supplied information

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

Irritation	May cause irritation of respiratory tract. May cause skin and eye irritation.
Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	The table below indicates whether each agency has listed any ingredient as a carcinogen

Chemical name	ACGIH	IARC	NTP	OSHA
Silica-crystalline, quartz 14808-60-7	A2	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)
A2 - Suspected Human Carcinogen

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 • This product is not expected to be hazardous for the environment.

Persistence and degradability No information available

Bioaccumulation No information available

Other adverse effects No information available

13. DISPOSAL CONSIDERATIONS

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and regulations

Contaminated packaging Do not reuse container

14. TRANSPORT INFORMATION

DOT Not regulated

TDG Not regulated

MEX Not regulated

ICAO (air) Not regulated

IATA Not regulated

IMDG Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

15. REGULATORY INFORMATION

International Inventories

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Silica-crystaliline, quartz 14808-60-7	X	X		X		X	X	X	X	X
Glass, oxides 65997-17-3	X	X		X			X	X	X	X

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

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations

California Proposition 65



Warning

This product can expose you to chemicals including those listed below, which is [are] known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Chemical name	California Proposition 65
Silica-crystalline, quartz - 14808-60-7	Carcinogen

U.S. State Right-to-Know Regulations

Chemical name	New Jersey	Massachusetts	Pennsylvania
Silica-crystalline, quartz 14808-60-7	X	X	X

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

Revision Date 19-Jun-2023
Revision Note Update of document format

Disclaimer

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied, with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use.

End of Safety Data Sheet