

Revision Date 22-Oct-2018

Version 1

## 1. IDENTIFICATION

<b>Product Name</b>	PC® 42 Cryogenic adhesive Part C
<b>Synonyms</b>	Sand
<b>Product Code</b>	OCPC00017
<b>Description</b>	PC® 42 Cryogenic Adhesive Part C is one component of a three part cryogenic adhesive used as a cryogenic adhesive for FOAMGLAS® insulation systems.
<b>Recommended Use</b>	Adhesives
<b>Manufacturer Address</b>	Pittsburgh Corning, LLC, a subsidiary of Owens Corning One Owens Corning Parkway Toledo, Ohio 43659
<b>Company Phone Number</b>	1-800-327-6126 or 1-724-327-6100
<b>24 Hour Emergency Phone Number</b>	Chemtrec 1-800-424-9300 or 1-703-741-5970 CCN17393
<b>Emergency Telephone</b>	1-419-248-5330 (after 5 pm ET and weekends)
<b>E-mail address</b>	productcompliance@owenscorning.com
<b>Company Website</b>	<a href="http://www.foamglas.com/">http://www.foamglas.com/</a>

## 2. HAZARDS IDENTIFICATION

<b>OSHA Regulatory Status</b>	This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)
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Carcinogenicity	Category 1A
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### Label elements

#### Danger

#### Hazard statements

May cause cancer



<b>ERG Code</b>	IF exposed or concerned: Get medical advice/attention
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<b>Precautionary Statements - Prevention</b>	Obtain special instructions before use Do not handle until all safety precautions have been read and understood Use personal protective equipment as required
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<b>Precautionary Statements - Storage</b>	Store locked up
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**Precautionary Statements - Disposal** Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)** Not applicable

**Unknown acute toxicity** Not applicable

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Product Components

Chemical name	CAS No	Weight-%	Trade Secret
Silica-crystalline, quartz	14808-60-7	90-100	*

- \*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 skin with soap and water
- Inhalation**
- Remove to fresh air
- Ingestion**
- Clean mouth with water and drink afterwards plenty of water

**Note to physicians** • Treat symptomatically

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media** • Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

**Unsuitable extinguishing media** • Caution: Use of water spray when fighting fire may be inefficient

**Specific hazards arising from the chemical** • No information available

#### 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
  - Avoid creating dust
- Environmental precautions**
- See Section 12 for ecotoxicology additional information

**Methods and material for containment and cleaning up**

- Methods for containment** • Prevent dust cloud
- Methods for cleaning up** • Pick up and transfer to properly labeled containers

**7. HANDLING AND STORAGE****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 <sup>3</sup> respirable particulate matter	(vacated) TWA: 0.1 mg/m <sup>3</sup> respirable dust : (30)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA total dust : (250)/(%SiO <sub>2</sub> + 5) mppcf TWA respirable fraction : (10)/(%SiO <sub>2</sub> + 2) mg/m <sup>3</sup> TWA respirable fraction	IDLH: 50 mg/m <sup>3</sup> respirable dust TWA: 0.05 mg/m <sup>3</sup> respirable dust

- 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)
- 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

**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical state</b>	Solid
<b>Odor</b>	Odorless
<b>Color</b>	Tan
<b>Melting point / freezing point</b>	1710 °C / 3110 °F
<b>Boiling point / boiling range</b>	2230 °C / 4046 °F
<b>Flash point</b>	Not applicable
<b>Autoignition temperature</b>	Not applicable
<b>Specific Gravity</b>	~ 2.65
<b>VOC:</b>	0

## 10. STABILITY AND REACTIVITY

- Reactivity** • No known reactivity
- Chemical stability** • Stable under recommended storage conditions
- Possibility of Hazardous Reactions** • None under normal processing
- 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

Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Silica-crystalline, quartz 14808-60-7	= 500 mg/kg ( Rat )	-	-

### 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	-	-	-

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

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Silica-crystalline, quartz 14808-60-7	X	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](http://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** 22-Oct-2018  
**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**