

Revision Date 22-Oct-2018

Version 1

**1. IDENTIFICATION**

<b>Product Name</b>	PC 136S Adhesive Part A
<b>Synonyms</b>	Silicone Adhesive
<b>Product Code</b>	OCPC00021
<b>Description</b>	PC® 136S adhesive Part A is one component of a two part adhesive used to bond FOAMGLAS® insulation to FOAMGLAS® insulation for fabrication
<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)
-------------------------------	---

**Label elements**

--

<b>Precautionary Statements - Prevention</b>	Avoid breathing dust, vapor, mist, gas Use only outdoors or in a well-ventilated area Wear eye/face protection Wear protective gloves Wash face, hands and any exposed skin thoroughly after handling Contaminated work clothing must not be allowed out of the workplace
--	--

<b>Hazards not otherwise classified (HNOC)</b>	Not applicable
--	----------------

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

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Product Components**

Chemical name	CAS No	Weight-%	Trade Secret
Polydimethylsiloxane dimethylvinylterminated	68083-19-2	35 - 55	*
Quartz (non-respirable)	14808-60-7	30-50	*
Dimethyl, methylhydrogen polydimethylsiloxane	68037-59-2	2 - 10	*

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

#### 4. FIRST AID MEASURES

##### Description of First Aid Measures

- |                           |   |
|---------------------------|---|
| <b>Eye contact</b>        | <ul style="list-style-type: none"> <li>• Rinse thoroughly with plenty of water, also under the eyelids</li> <li>• If eye irritation persists: Get medical advice/attention</li> </ul> |
| <b>Skin contact</b>       | <ul style="list-style-type: none"> <li>• Wash with soap and water</li> <li>• If skin irritation or rash occurs: Get medical advice/attention</li> </ul>                               |
| <b>Inhalation</b>         | <ul style="list-style-type: none"> <li>• Remove to fresh air</li> </ul>   |
| <b>Ingestion</b>          | <ul style="list-style-type: none"> <li>• Clean mouth with water and drink afterwards plenty of water</li> </ul>   |
| <b>Note to physicians</b> | <ul style="list-style-type: none"> <li>• Treat symptomatically</li> </ul>   |

#### 5. FIRE-FIGHTING MEASURES

- |  |   |
|--|---|
| <b>Suitable extinguishing media</b>                          | <ul style="list-style-type: none"> <li>• Carbon dioxide (CO2)</li> <li>• Foam</li> <li>• Dry chemical</li> </ul>  |
| <b>Unsuitable extinguishing media</b>                        | <ul style="list-style-type: none"> <li>• Water reactive</li> <li>• Use of water may evolve hydrogen gas</li> </ul>  |
| <b>Specific hazards arising from the chemical</b>            | <ul style="list-style-type: none"> <li>• May cause sensitization by skin contact</li> </ul>   |
| <b>Explosion data</b>  |   |
| <b>Sensitivity to Mechanical Impact</b>                      | • No  |
| <b>Sensitivity to Static Discharge</b>                       | • No  |
| <b>Protective equipment and precautions for firefighters</b> | <ul style="list-style-type: none"> <li>• As in any fire, wear self-contained breathing apparatus (positive-pressure), MSHA/NIOSH (approved or equivalent) and full protective gear</li> </ul> |

#### 6. ACCIDENTAL RELEASE MEASURES

##### Personal precautions, protective equipment and emergency procedures

- |                                  |   |
|----------------------------------|---|
| <b>Personal precautions</b>      | <ul style="list-style-type: none"> <li>• Ensure adequate ventilation, especially in confined areas</li> <li>• Avoid contact with skin, eyes or clothing</li> <li>• Use personal protective equipment as required</li> </ul> |
| <b>Environmental precautions</b> | <ul style="list-style-type: none"> <li>• See Section 12 for ecotoxicology additional information</li> </ul>   |

##### Methods and material for containment and cleaning up

- |                                |  |
|--------------------------------|--|
| <b>Methods for containment</b> | <ul style="list-style-type: none"> <li>• Prevent further leakage or spillage if safe to do so</li> </ul>   |
| <b>Methods for cleaning up</b> | <ul style="list-style-type: none"> <li>• Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)</li> <li>• Pick up and transfer to properly labeled containers</li> </ul> |

## 7. HANDLING AND STORAGE

### Advice on safe handling

- Handle in accordance with good industrial hygiene and safety practice
- Avoid contact with skin, eyes or clothing
- Use personal protective equipment as required
- Do not breathe dust/fume/gas/mist/vapors/spray
- Ensure adequate ventilation, especially in confined areas

### Conditions for safe storage, including any incompatibilities

#### Storage Conditions

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

#### Incompatible materials

- Water
- Strong bases
- Acids

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

### Exposure Guidelines

Chemical name	ACGIH TLV	OSHA PEL	NIOSH REL
Quartz (non-respirable) 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

- Wear protective gloves and protective clothing

#### 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

Physical state	Liquid
Odor	Slight
Color	Black
Melting point / freezing point	No information available
Boiling point / boiling range	
Flash point	> 93.3 °C / > 200 °F
Density VALUE	11.5 lbs/gal (Calculated)
Water solubility	Insoluble in water
Autoignition temperature	
Viscosity	Unknown

Specific Gravity 1.38  
VOC: 6 g/L  
Percent Volatile by Volume: < 1

## 10. STABILITY AND REACTIVITY

**Reactivity** • Will polymerize in contact with water

**Chemical stability** • Stable under recommended storage conditions

**Possibility of Hazardous Reactions** • None under normal processing

**Conditions to avoid** • Extremes of temperature and direct sunlight

**Incompatible materials** • Water  
• Strong bases  
• Acids

**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
Polydimethylsiloxane dimethylvinylterminated 68083-19-2	> 16 mL/kg ( Rat )	-	-
Quartz (non-respirable) 14808-60-7	= 500 mg/kg ( Rat )	-	-

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

**Irritation** Irritating to eyes and respiratory system.

**Sensitization** May cause sensitization by skin contact.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

**Carcinogen** • This product contain crystalline silica (quartz) in a non-respirable form. Inhalation of crystalline silica is unlikely to occur from exposure to the product.

**Reproductive toxicity** No information available.

**STOT - single exposure** May cause respiratory irritation.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	• The environmental impact of this product has not been fully investigated
<b>Persistence and degradability</b>	• No information available
<b>Bioaccumulation</b>	• No information available
<b>Other adverse effects</b>	• No information available

### 13. DISPOSAL CONSIDERATIONS

<b>Disposal of wastes</b>	• Disposal should be in accordance with applicable regional, national and local laws and regulations
<b>Contaminated packaging</b>	• Do not reuse container

### 14. TRANSPORT INFORMATION

<b>DOT</b>	Not regulated
------------	---------------

### 15. REGULATORY INFORMATION

#### International Inventories

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Polydimethylsiloxane dimethylvinylterminated 68083-19-2	X	X				X	X	X	X	X
Quartz (non-respirable) 14808-60-7	X	X		X		X	X	X	X	X
Dimethyl, methylhydrogen polydimethylsiloxane 68037-59-2	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**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical name	New Jersey	Massachusetts	Pennsylvania
Quartz (non-respirable) 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**