

## 1. IDENTIFICATION

<b>Product Name</b>	PITTSTOP 196 Vapor Stop Part B
<b>Synonyms</b>	Cryogenic Coating
<b>Product Code</b>	OCPC00032
<b>Description</b>	PITTSTOP™ 196 Vapor Stop Part B is one component of a two part cryogenic adhesive/coating used as a cryogenic sealant and coating for FOAMGLAS® insulation systems
<b>Recommended Use</b>	Adhesives Coating
<b>UN-Number</b>	UN1133
<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-GET-PINK or 1-800-438-7465
<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

**OSHA Regulatory Status** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Germ cell mutagenicity	Category 1A
Carcinogenicity	Category 1A
Reproductive toxicity	Category 2
Specific target organ toxicity (single exposure)	Category 3
Specific target organ toxicity (repeated exposure)	Category 2
Aspiration toxicity	Category 1
Flammable liquids	Category 2

### Label elements

**Danger**

**Hazard statements**

Causes skin irritation  
 Causes serious eye irritation  
 May cause genetic defects  
 May cause cancer  
 Suspected of damaging fertility or the unborn child  
 May cause respiratory irritation. May cause drowsiness or dizziness  
 May cause damage to organs through prolonged or repeated exposure  
 May be fatal if swallowed and enters airways  
 Highly flammable liquid and vapor



<b>ERG Code</b>	IF exposed or concerned: Get medical advice/attention
<b>Eyes</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
<b>Skin</b>	If eye irritation persists: Get medical advice/attention If skin irritation occurs: Get medical advice/attention IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower Wash contaminated clothing before reuse
<b>Inhalation</b>	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
<b>Ingestion</b>	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician <b>DO NOT</b> induce vomiting
<b>Fire</b>	In case of fire: Use CO <sub>2</sub> , dry chemical, or foam for extinction
<b>Precautionary Statements - Prevention</b>	Obtain special instructions before use Do not handle until all safety precautions have been read and understood Wear eye/face protection Wear protective gloves and protective clothing Wash face, hands and any exposed skin thoroughly after handling Do not breathe dust Use only outdoors or in a well-ventilated area Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking Keep container tightly closed Ground and bond container and receiving equipment Use explosion-proof electrical/ventilating/lighting/equipment Use only non-sparking tools Take precautionary measures against static discharge
<b>Precautionary Statements - Storage</b>	Store locked up Store in a well-ventilated place. Keep container tightly closed
<b>Precautionary Statements - Disposal</b>	Dispose of contents/container to an approved waste disposal plant
<b>Hazards not otherwise classified (HNOC)</b>	Not applicable
<b>Unknown acute toxicity</b>	No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Mixture  
Product Components**

Chemical name	CAS No.	Weight-%	Trade Secret
Aromatic petroleum distillate	64742-95-6	15 -20	*
Toluene	108-88-3	10 -15	*
Benzene	71-43-2	< 0.2	*

- \*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 off immediately with soap and plenty of water while removing all contaminated clothes and shoes</li> <li>• If symptoms persist, call a physician</li> </ul> |
| <b>Inhalation</b>         | <ul style="list-style-type: none"> <li>• Remove to fresh air</li> <li>• If symptoms persist, call a physician</li> <li>• Aspiration into lungs can produce severe lung damage</li> </ul>                  |
| <b>Ingestion</b>          | <ul style="list-style-type: none"> <li>• Rinse mouth</li> <li>• <b>DO NOT</b> induce vomiting</li> <li>• Potential for aspiration if swallowed</li> </ul>   |
| <b>Note to physicians</b> | <ul style="list-style-type: none"> <li>• Treat symptomatically</li> </ul>   |

#### 5. FIRE-FIGHTING MEASURES

- |  |   |
|--|---|
| <b>Flammable properties</b>                                  | <ul style="list-style-type: none"> <li>• Flammable; may be ignited by heat, sparks or flames</li> <li>• Flammable liquid</li> </ul>   |
| <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>• Caution: Use of water spray when fighting fire may be inefficient</li> </ul>   |
| <b>Specific hazards arising from the chemical</b>            | <ul style="list-style-type: none"> <li>• Flammable</li> </ul>   |
| <b>Explosion data</b>  |   |
| <b>Sensitivity to Mechanical Impact</b>                      | • Stable  |
| <b>Sensitivity to Static Discharge</b>                       | • Stable  |
| <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>• Avoid contact with skin, eyes or clothing</li> <li>• Use personal protective equipment as required</li> <li>• Evacuate personnel to safe areas</li> <li>• Remove all sources of ignition</li> <li>• Ensure adequate ventilation, especially in confined areas</li> </ul> |
| <b>Environmental precautions</b> | <ul style="list-style-type: none"> <li>• See Section 12 for ecotoxicology additional information</li> <li>• Prevent further leakage or spillage if safe to do so</li> <li>• Prevent product from entering drains</li> <li>• Do not flush into surface water or sanitary sewer system</li> </ul>                   |

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

- Methods for containment**
- Dike for later disposal; do not apply water unless directed to do so
  - Prevent further leakage or spillage if safe to do so
  - Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal
- Methods for cleaning up**
- Dam up
  - Soak up with inert absorbent material
  - Pick up and transfer to properly labeled containers

**7. HANDLING AND STORAGE**

- Technical measures**
- Ensure adequate ventilation, especially in confined areas
  - Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity)
- Advice on safe handling**
- Ensure adequate ventilation, especially in confined areas
  - Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity)
  - Take precautionary measures against static discharges
  - Use spark-proof tools and explosion-proof equipment
  - All equipment used when handling the product must be grounded

**Conditions for safe storage, including any incompatibilities**

- Storage Conditions**
- Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity)
  - Keep in properly labeled containers
  - Keep in a dry, cool and well-ventilated place
- Incompatible materials**
- Strong oxidizing agents

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Control parameters

**Exposure Guidelines**

Chemical name	ACGIH TLV	OSHA PEL	NIOSH REL
Toluene 108-88-3	TWA: 20 ppm	TWA: 200 ppm (vacated) TWA: 100 ppm (vacated) TWA: 375 mg/m <sup>3</sup> (vacated) STEL: 150 ppm (vacated) STEL: 560 mg/m <sup>3</sup> Ceiling: 300 ppm	IDLH: 500 ppm TWA: 100 ppm TWA: 375 mg/m <sup>3</sup> STEL: 150 ppm STEL: 560 mg/m <sup>3</sup>
Benzene 71-43-2	STEL: 2.5 ppm TWA: 0.5 ppm S*	TWA: 10 ppm applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028 TWA: 1 ppm (vacated) TWA: 10 ppm unless specified in 1910.1028 (vacated) STEL: 50 ppm 10 min unless specified in 1910.1028 (vacated) Ceiling: 25 ppm unless specified in 1910.1028 Ceiling: 25 ppm STEL: 5 ppm see 29 CFR 1910.1028	IDLH: 500 ppm TWA: 0.1 ppm STEL: 1 ppm

- 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**

<b>Physical state</b>	Liquid
<b>Odor</b>	Aromatic Hydrocarbon
<b>Color</b>	Black
<b>Melting point / freezing point</b>	
<b>Boiling point / boiling range</b>	~ 110 °C / ~ 230 °F (initial)
<b>Flash point</b>	7 °C / 45 °F
<b>Upper flammability limit:</b>	9 %
<b>Lower flammability limit:</b>	1 %
<b>Density VALUE</b>	9.6 lbs/gal (Calculated)
<b>Water solubility</b>	Insoluble in water
<b>Autoignition temperature</b>	422 °C / 792 °F
<b>Specific Gravity</b>	1.15
<b>VOC:</b>	313 g/L (2.6 lbs/gal)
<b>Percent Volatile by Volume:</b>	18 - 24

**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** • Heat, flames and sparks
- Incompatible materials** • Strong oxidizing agents
- 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
Aromatic petroleum distillate	= 8400 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 3400 ppm ( Rat ) 4 h

64742-95-6			
Toluene 108-88-3	= 2600 mg/kg ( Rat )	= 12000 mg/kg ( Rabbit )	= 12.5 mg/L ( Rat ) 4 h
Benzene 71-43-2	= 810 mg/kg ( Rat )	> 8200 mg/kg ( Rabbit )	= 44.66 mg/L ( Rat ) 4 h

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

**Skin corrosion/irritation** Irritating to skin.  
**Serious eye damage/eye irritation** Irritating to eyes.  
**Irritation** Irritating to eyes and skin.

**Sensitization** No information available.  
**Germ cell mutagenicity** Contains a known or suspected mutagen.  
**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	ACGIH	IARC	NTP	OSHA
Toluene 108-88-3	-	Group 3	-	-
Benzene 71-43-2	A1	Group 1	Known	X

ACGIH (American Conference of Governmental Industrial Hygienists)  
 A1 - Known Human Carcinogen  
 IARC (International Agency for Research on Cancer)  
 Group 1 - Carcinogenic to Humans  
 Group 3 - Not classifiable as a human carcinogen  
 NTP (National Toxicology Program)  
 Known - Known Carcinogen  
 OSHA (Occupational Safety and Health Administration of the US Department of Labor)  
 X - Present

**Reproductive toxicity** Contains a known or suspected reproductive toxin.  
**STOT - single exposure** May cause drowsiness or dizziness.  
**STOT - repeated exposure** May cause damage to organs through prolonged or repeated exposure.  
**Aspiration hazard** Risk of serious damage to the lungs (by aspiration). May be fatal if swallowed and enters airways.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** • The environmental impact of this product has not been fully investigated

Chemical name	Algae/aquatic plants	Fish	Crustacea
Aromatic petroleum distillate 64742-95-6	-	9.22: 96 h Oncorhynchus mykiss mg/L LC50	6.14: 48 h Daphnia magna mg/L EC50
Toluene 108-88-3	433: 96 h Pseudokirchneriella subcapitata mg/L EC50 12.5: 72 h Pseudokirchneriella subcapitata mg/L EC50 static	15.22 - 19.05: 96 h Pimephales promelas mg/L LC50 flow-through 12.6: 96 h Pimephales promelas mg/L LC50 static 50.87 - 70.34: 96 h Poecilia reticulata mg/L LC50 static 54: 96 h Oryzias latipes mg/L LC50 static 28.2: 96 h Poecilia reticulata mg/L LC50 semi-static 5.89 - 7.81: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 14.1 - 17.16: 96 h Oncorhynchus mykiss mg/L LC50 static 11.0 - 15.0: 96 h Lepomis macrochirus mg/L LC50 static 5.8: 96 h Oncorhynchus mykiss mg/L LC50 semi-static	5.46 - 9.83: 48 h Daphnia magna mg/L EC50 Static 11.5: 48 h Daphnia magna mg/L EC50
Benzene 71-43-2	29: 72 h Pseudokirchneriella subcapitata mg/L EC50	10.7 - 14.7: 96 h Pimephales promelas mg/L LC50 flow-through 5.3: 96 h Oncorhynchus mykiss	8.76 - 15.6: 48 h Daphnia magna mg/L EC50 Static 10: 48 h Daphnia magna mg/L EC50

		mg/L LC50 flow-through 22.49: 96 h Lepomis macrochirus mg/L LC50 static 28.6: 96 h Poecilia reticulata mg/L LC50 static 22330 - 41160: 96 h Pimephales promelas µg/L LC50 static 70000 - 142000: 96 h Lepomis macrochirus µg/L LC50 static	
--	--	---	--

**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**

**UN-Number** UN1133  
**Proper shipping name** ADHESIVES  
**Hazard Class** 3  
**Packing Group** II  
**Special Provisions** 149, B52, IB2, T4, TP1, TP8  
**Description** UN1133, ADHESIVES, 3, II  
**Emergency Response Guide Number** 128

**TDG**

**UN/ID no** UN1133  
**Proper shipping name** ADHESIVES  
**Hazard class** 3  
**Packing Group** II  
**Description** UN1133, ADHESIVES, 3, II

**ICAO (air)**

**UN-Number** UN1133  
**Proper shipping name** ADHESIVES  
**Hazard Class** 3  
**Packing Group** II  
**Special Provisions** A3  
**Description** UN1133, ADHESIVES, 3, II

**IMDG**

**UN Number** UN1133  
**UN proper shipping name** ADHESIVES  
**Hazard Class** 3  
**Packing Group** II  
**EmS No.** F-E, S-D  
**Description** UN1133, ADHESIVES, 3, II, (7°C C.C.)

**15. REGULATORY INFORMATION**

**International Inventories**

Chemical name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
Aromatic petroleum distillate 64742-95-6	X	X		X			X	X	X	X
Toluene 108-88-3	X	X		X		X	X	X	X	X
Benzene 71-43-2	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 contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical name	SARA 313 - Threshold Values %
Toluene - 108-88-3	1.0
Benzene - 71-43-2	0.1

Chemical name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Toluene 108-88-3	1000 lb	X	X	X
Benzene 71-43-2	10 lb	X	X	X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Toluene 108-88-3	1000 lb 1 lb	-	RQ 1000 lb final RQ RQ 454 kg final RQ RQ 1 lb final RQ RQ 0.454 kg final RQ
Benzene 71-43-2	10 lb	-	RQ 10 lb final RQ RQ 4.54 kg final RQ

**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
Toluene 108-88-3	Developmental
Benzene 71-43-2	Carcinogen Developmental Male Reproductive

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

Chemical name	New Jersey	Massachusetts	Pennsylvania
Toluene 108-88-3	X	X	X
Benzene 71-43-2	X	X	X

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

**Revision Date** 05-Nov-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**