

1. IDENTIFICATION

Product Name	PC Hi-Temp/RTV Silicone Adhesive
Synonyms	Silicone Elastomer
Product Code	OCPC00023
Description	PC® HI-TEMP/RTV Silicone Adhesive is a one part neutral cure, silicone adhesive/sealant formulated for use at high temperatures with FOAMGLAS® insulation
Recommended Use	Adhesives
Manufacturer Address	Pittsburgh Corning, LLC, a subsidiary of Owens Corning One Owens Corning Parkway Toledo, Ohio 43659
Company 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)
E-mail address	productcompliance@owenscorning.com
Company Website	http://www.foamglas.com/

2. HAZARDS IDENTIFICATION

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

Serious eye damage/eye irritation	Category 2
Skin sensitization	Category 1
Carcinogenicity	Category 2
Reproductive toxicity	Category 2
Specific target organ toxicity (repeated exposure)	Category 2

Label elements

Warning

Hazard statements

Causes serious eye irritation
 May cause an allergic skin reaction
 Suspected of causing cancer
 Suspected of damaging fertility or the unborn child
 May cause damage to organs through prolonged or repeated exposure



ERG Code	IF exposed or concerned: Get medical advice/attention
Eyes	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
	If eye irritation persists: Get medical advice/attention
Skin	IF ON SKIN: Wash with plenty of soap and water
	If skin irritation or rash occurs: Get medical advice/attention
	Wash contaminated clothing before reuse
Precautionary Statements - Prevention	Obtain special instructions before use Do not handle until all safety precautions have been read and understood Avoid breathing dust, vapor, mist, gas 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
Precautionary Statements - Storage	Store locked up
Precautionary Statements - Disposal	Dispose of contents/container to an approved waste disposal plant
Hazards not otherwise classified (HNOC)	Not applicable
Unknown acute toxicity	No information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product Components

Chemical name	CAS No	Weight-%	Trade Secret
Methyloximesilane	Proprietary	1 - < 3	*
Vinyloximesilane	Proprietary	< 1	*
Octamethylcyclotetrasiloxane	556-67-2	< 1	*
Methyl ethyl ketoxime	96-29-7	< 1	*
Alkoxysilane	Proprietary	< 1	*

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

4. FIRST AID MEASURES

Description of First Aid Measures

Eye contact	<ul style="list-style-type: none"> • IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing • If eye irritation persists: Get medical advice/attention
Skin contact	<ul style="list-style-type: none"> • Wash with soap and water • If skin irritation or rash occurs: Get medical advice/attention
Inhalation	<ul style="list-style-type: none"> • Remove to fresh air
Ingestion	<ul style="list-style-type: none"> • Clean mouth with water and drink afterwards plenty of water
Note to physicians	<ul style="list-style-type: none"> • Treat symptomatically

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	<ul style="list-style-type: none"> • Use extinguishing measures that are appropriate to local circumstances and the surrounding environment
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Unsuitable extinguishing media • Caution: Use of water spray when fighting fire may be inefficient

Specific hazards arising from the chemical • May cause sensitization by skin contact

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
 • Avoid contact with skin, eyes or clothing
 • Use personal protective equipment as required

Environmental precautions • See Section 12 for ecotoxicology additional information

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 • Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust)
 • Pick up and transfer to properly labeled containers

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

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	Solid
Appearance	Paste
Odor	Mild ethereal
Color	red
Melting point / freezing point	No information available
Boiling point / boiling range	
Flash point	96 °C / 204.8 °F
Density VALUE	8.7 lbs/gal (Calculated)
Water solubility	Insoluble in water
Autoignition temperature	
Specific Gravity	1.04 (@ 25 C)
VOC:	40 g/L

10. STABILITY AND REACTIVITY

- Reactivity** • No data available
- 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
Octamethylcyclotetrasiloxane	= 1540 mg/kg (Rat)	= 794 µL/kg (Rabbit)	= 36 g/m ³ (Rat) 4 h

556-67-2			
Methyl ethyl ketoxime 96-29-7	= 930 mg/kg (Rat)	1000 - 1800 mg/kg (Rabbit)	> 4800 mg/m ³ (Rat) 4 h

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

Irritation	Irritating to eyes.
Sensitization	May cause sensitization by skin contact.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.
Reproductive toxicity	No information available.
STOT - single exposure	No information available.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure if inhaled. Cardiovascular system.
Aspiration hazard	No information available.

12. ECOLOGICAL INFORMATION

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

Chemical name	Algae/aquatic plants	Fish	Crustacea
Octamethylcyclotetrasiloxane 556-67-2	-	500: 96 h Brachydanio rerio mg/L LC50 1000: 96 h Lepomis macrochirus mg/L LC50	-
Methyl ethyl ketoxime 96-29-7	83: 72 h Desmodesmus subspicatus mg/L EC50	777 - 914: 96 h Pimephales promelas mg/L LC50 flow-through 760: 96 h Poecilia reticulata mg/L LC50 static	750: 48 h Daphnia magna mg/L EC50

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
Methyloximesilane	X	X		X		X	X	X	X	X
Octamethylcyclotetrasiloxane 556-67-2	X	X		X		X	X	X	X	X
Methyl ethyl ketoxime 96-29-7	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

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

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