

Creation Date 25-Feb-2019

Revision Date 26-Feb-2019

Version 1

1. IDENTIFICATION

Product Name PITTSEAL Hi-Temp LV RTV Sealant

Product Code OCPC00075

Recommended Use

- Sealant
- For professional use only

Supplier Address Pittsburgh Corning, LLC, a subsidiary of Owens Corning
One Owens Corning Parkway
Toledo, Ohio 43659

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)

2. HAZARDS IDENTIFICATION

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

Skin sensitization	Category 1
Carcinogenicity	Category 2
Reproductive toxicity	Category 2

Label elements

Warning

Hazard statements

May cause an allergic skin reaction
Suspected of causing cancer
Suspected of damaging fertility or the unborn child



Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Skin

If eye irritation persists: Get medical advice/attention

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

Inhalation

IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing

Ingestion

IF SWALLOWED: Rinse mouth. DO NOT induce vomiting

Precautionary Statements - Disposal Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

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
Octamethylcyclotetrasiloxane	556-67-2	<1	*
Methyl ethyl ketoxime	96-29-7	<1	*

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

Comments

The remaining components of this product are non-hazardous or are in a small enough quantity as to not meet regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product

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 soap and water
 - If skin irritation persists, call a physician
- Inhalation**
- Remove from exposure, lie down
 - If symptoms persist, call a physician
- Ingestion**
- **DO NOT** induce vomiting
 - 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

- None known

Specific hazards arising from the chemical

- No information available

Hazardous combustion products

- Nitrogen oxides (NO_x)

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**

- Do not touch damaged containers or spilled material unless wearing appropriate protective clothing
- Do not touch or walk through spilled material
- Keep people away from and upwind of spill/leak
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area)

Environmental precautions

- Prevent further leakage or spillage if safe to do so

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

- Use personal protective equipment as required
- Dam up
- Cover liquid spill with sand, earth or other non-combustible absorbent material
- Take up mechanically, placing in appropriate containers for disposal
- Clean contaminated surface thoroughly

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

- Strong oxidizing agents
- Water

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 impervious protective gloves
- Wear long-sleeved shirt and long pants

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	Slightly musty
Color	red
Melting point / freezing point	
Boiling point / boiling range	
Flash point	96 °C / 205 °F
Evaporation rate	< 1 (n-Butyl Acetate = 1)
Vapor pressure @20 °C (kPa)	Negligible mm Hg @ 20°C
Density VALUE	1.04
Water solubility	Insoluble in water
Autoignition temperature	Not applicable
VOC:	34 g/l

10. STABILITY AND REACTIVITY

Reactivity	• No known reactivity
Chemical stability	• Stable under normal conditions
Possibility of Hazardous Reactions	• Reacts with water, moisture or humid air to evolve Methyl ethyl ketoxime.
Conditions to avoid	• Extremes of temperature and direct sunlight
Incompatible materials	• Strong oxidizing agents • Water
Hazardous Decomposition Products	• Carbon oxides • Nitrogen oxides (NOx) • Formaldehyde

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information	No data available
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Chemical name	Oral LD50	LD50/dermal/rat - NO UNITS (Wizards mg/kg)	Inhalation LC50
Octamethylcyclotetrasiloxane 556-67-2	= 1540 mg/kg (Rat)	= 794 µL/kg (Rabbit)	= 36 g/m ³ (Rat) 4 h
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

Sensitization	No information available.
Germ cell mutagenicity	No information available.
Carcinogenicity	No information available.

Reproductive toxicity

Repeated inhalation or oral exposure of mice and rats to octamethylcyclotetrasiloxane produced an increase in liver size. No gross histopathological or significant clinical chemistry effects were observed. An increase in liver metabolizing enzymes, as well as a transient increase in the number of normal cells (hyperplasia) followed by an increase in cell size (hypertrophy) were determined to be the underlying causes of the liver enlargement. The biochemical mechanisms producing these effects are highly sensitive in rodents, while similar mechanisms in humans are insensitive. Good industrial hygiene practice minimizes inhalation exposure to any chemical. In developmental toxicity studies in which rats and rabbits were exposed to octamethylcyclotetrasiloxane by vapor inhalation at concentrations up to 700 ppm and 500 ppm respectively, no teratogenic effects were observed. Octamethylcyclotetrasiloxane administered to rats by whole body inhalation at concentrations of 500 and 700 ppm for 70 days prior to mating, through mating, gestation and lactation resulted in decreases in live litter size. Additionally, increases in the incidence of deliveries of offspring extending over an unusually long time period (dystocia) were observed at these concentrations. Statistically significant alterations in these parameters were not observed in the lower concentrations evaluated (300 and 70 ppm). In a previous range-finding study, rats exposed to vapor concentrations of 700 ppm had decreases in the number of implantation sites and live litter size. The significance of these findings to humans is not known. Dibutyltin dilaurate is presumed a human reproductive toxicant.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Chronic toxicity

Contains a known or suspected reproductive toxin. See Section 11: TOXICOLOGICAL INFORMATION. May cause adverse liver effects.

Target Organ Effects

liver.

Aspiration hazard

No information available.

12. ECOLOGICAL INFORMATION

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

Chemical name	Partition coefficient
Octamethylcyclotetrasiloxane 556-67-2	5.1
Methyl ethyl ketoxime 96-29-7	0.65

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
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

Creation Date	25-Feb-2019
Revision Date	26-Feb-2019
Revision Note	No information available

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