1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: CP-427R

Use of Product: Silicone Compound

Supplier: Rogers Corporation
1100 Governor Lea Road
Bear, DE 19701
Phone: 001-302-834-2100
Fax: 001-302-834-4021
Email: msdsinfo@rogerscorporation.com

Emergency Telephone Number: 800-424-9300 (U.S. & Canada) Chemtrec
001-703-527-3887 (International – Call Collect)

2. HAZARDS IDENTIFICATION

Emergency Overview:
OSHA Hazard: Not Applicable
Target Organs: Not Applicable
GHS Classification: Not Applicable
GHS Label Elements: Not Applicable
Pictogram: Not Applicable
Signal Word: Not Applicable
Hazard Statements: Not Applicable
Including Precautionary Statements: Not Applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Octam ethylcyclotetrasiloxane</td>
<td>556-67-2</td>
<td>0.1-1.0</td>
</tr>
<tr>
<td>2, 4-dichlorobenzoyl peroxide</td>
<td>133-14-2</td>
<td>0.1-1.0</td>
</tr>
</tbody>
</table>


4. FIRST-AID MEASURES

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If Inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

In Case of Eye Contact: Flush eyes with water for at least 15 minutes and get medical attention if irritation persists.

If Swallowed: Do not induce vomiting. Slowly dilute with 1-2 glasses of water and seek medical attention. Never give anything by mouth to an unconscious person.
Most important symptoms and effects, both acute and delayed: No data available.

Indication of any immediate medical attention and special treatment needed No data available.

5. FIRE-FIGHTING MEASURES

Conditions of Flammability: No data available.

Suitable Extinguishing Media: All standard extinguishing agents are suitable.

Special Protective Equipment for Fire Fighters: Firefighter must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

Hazardous Combustion Products: Carbon monoxide, formaldehyde, silicon dioxide, metal oxide, and incompletely burned carbon products.

Further Information: Do not allow fire water to penetrate into surface or ground water. Fire residuals and contaminated extinguishing water must be disposed of in accordance with the regulations of the local authorities.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective equipment. Avoid breathing vapors mists or gas. Ensure adequate ventilation. For personal protection see Section 8.

Environmental Precautions: This material is not biodegradable.

Methods and Materials for Containment and Cleaning Up: Wipe or scrape up material and place in container for disposal. For disposal see Section 13.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with eyes. Use personal protective equipment recommended in Section 8. Provide adequate ventilation.


8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Controls: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Appropriate Engineering Controls: Eyewash stations, showers.

Personal Protective Equipment:

Respiratory Protection: Wear a NIOSH approved air-purifying respirator if exposure levels may be exceeded.

Hand Protection: Wear suitable disposable gloves.

Eye Protection: Safety glasses with side-shields.

Skin and Body Protection: Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hygiene Measures: Wash and dry hands.
9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
- Form: Red Silicone Compound
- Color: Red

Safety Data:
- pH: No data available.
- Melting/Freezing Point: No data available.
- Boiling Point: No data available.
- Flash Point: No data available.
- Ignition Temperature: No data available.
- Autoignition Temperature: No data available.
- Lower Explosion Limit: No data available.
- Upper Explosion Limit: No data available.
- Vapor Pressure: No data available.
- Specific Gravity: 1.32
- Water Solubility: Not water soluble.
- Partition Coefficient: No data available.
- Odor: Characteristic of Silicone
- Odor Threshold: No data available.
- Evaporation Rate: No data available.

10. STABILITY AND REACTIVITY

Reactivity: No data available.
Chemical Stability: Stable under recommended storage conditions.
Possibility of Hazardous Reactions: No data available.

Conditions to Avoid: Avoid expose to excess heat.
Materials to Avoid: Strong acids, strong bases, strong oxidizers, sulfur and amines.
Hazardous Decomposition Products: Carbon monoxide, silicon dioxide, formaldehyde, metal oxides, and incompletely burned carbon compounds.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: No data available.
Carcinogenicity: No data available.
Reproductive Toxicity: No data available.
Teratogenicity: No data available.
Specific Target Organ Toxicity – Single Exposure (GHS): No data available.
Specific Target Organ Toxicity – Repeated Exposure (GHS): No data available.
Aspiration Hazard: No data available.

Additional Information: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Vomiting, nausea, diarrhea possible

12. ECOLOGICAL INFORMATION:

Toxicity: No data available.
Persistence and Degradability: No data available.
Bioaccumulative Potential: No data available.
Mobility in Soil: No data available.
PBT and vPvB Assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted.
Other Adverse Effects: No data available.
13. DISPOSAL CONSIDERATIONS

**Product:**
Consult federal, state and local regulations to determine appropriate disposal options.

**Contaminated Packaging:**
Dispose of as unused product.

14. TRANSPORT INFORMATION

**DOT (U.S.) Classification:**
Not classified as hazardous for transportation purposes.

**IMDG Classification:**
Not classified as hazardous for transportation purposes.

**IATA Classification:**
Not classified as hazardous for transportation purposes.

15. REGULATORY INFORMATION

<table>
<thead>
<tr>
<th>Regulation</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>TSCA United States</td>
<td>Yes</td>
</tr>
<tr>
<td>EINECS: EU</td>
<td>Yes</td>
</tr>
<tr>
<td>DSL: Canada</td>
<td>Yes</td>
</tr>
<tr>
<td>KCL: Korea</td>
<td>Yes</td>
</tr>
<tr>
<td>PICCS: Philippines</td>
<td>Yes</td>
</tr>
<tr>
<td>AICS: Australia</td>
<td>Yes</td>
</tr>
<tr>
<td>ENCS: Japan</td>
<td>Yes</td>
</tr>
<tr>
<td>EU REACH:</td>
<td>Product is considered compliant with Regulation EC 1907/2006 or Registration, Evaluation, Authorization and restriction of Chemicals (REACH) legislation.</td>
</tr>
<tr>
<td>RoHS:</td>
<td>Product is in compliance with the European Directive 2011/65/EU on Restriction on Hazardous Substances and the Chinese Administration Measure on the Control of Pollution Caused by Electronic Information.</td>
</tr>
</tbody>
</table>

**SARA Title III Chemical Listings**

<table>
<thead>
<tr>
<th>Section</th>
<th>Hazardous Substance</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>302</td>
<td>Extremely Hazardous</td>
<td>None Known</td>
</tr>
<tr>
<td>304</td>
<td>CERCLA Hazardous</td>
<td>None Known</td>
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<tr>
<td>311 / 312</td>
<td>Hazard Class:</td>
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</tr>
<tr>
<td>Acute</td>
<td>No</td>
<td></td>
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<tr>
<td>Chronic</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Fire</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Pressure</td>
<td>No</td>
<td></td>
</tr>
<tr>
<td>Reactive</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

**Section 313: Toxic Chemicals:**
None known

16. OTHER INFORMATION

**FILE:** 99439-CP 427R GHS SDS-02212017

**PREPARED BY:** Jianhua Zou

**REVIEWED BY:** Greg Sullivan

**DATE:** 2-21-2017

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