



U.S. Format

PRODUCT SAFETY INFORMATION SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: 99920R008
Product Number (Optional): 99920R008
Use of Product: Thermal Interface Material
HMIS Ratings: H - 0 F - 0 R - 1
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

| <u>Chemical Name</u> | <u>CAS #</u> | <u>Concentration (%)</u> |
|-------------------------------|--------------|--------------------------|
| 2, 4-Dichlorobenzoyl peroxide | 133-14-2 | 0.1-5 |

The material contains no other hazardous ingredients as defined in OSHA's Hazard Communication Standard 29 CFR 1910.1200.

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 Skin Contact: Flush affected area with plenty of soap and water.
In Case of Eye Contact: Flush eyes with water for at least 15 minutes.

If Swallowed: Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Protective Equipment for Fire Fighters: Wear self-contained breathing apparatus for firefighting if necessary.

Hazardous Combustion Products: Carbon monoxide, formaldehyde, silicon dioxide, and trace amounts of other 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: Wear protective equipment (See Section 8). During cure, harmful vapors may be generated. Cure only in ventilated areas. Avoid processes that liberate small particles (10 microns or less).

Conditions for Safe Storage: Store material in original packaging in a cool, dry place until ready to use. Store away from strong acids, strong bases, strong oxidizing materials, sulfur, and amines.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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

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 sheet
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: 1.12 (Rubber only)
Water Solubility: Not water soluble.
Partition Coefficient: No data available.
Relative Vapor Density: 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: Excess exposure to heat may cause premature polymerization of the gum to
Materials to Avoid: Exposure to sulfur and/or amines may inhibit the formation of crosslinks.
Hazardous Decomposition Products: Carbon monoxide, silicon dioxide, formaldehyde, and metal oxides.

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.
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

Other Adverse Effects: required/not conducted.
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

TSCA United States: Yes
EINECS: EU Yes
DSL: Canada Yes
KCL: Korea Yes
PICCS: Philippines Yes
AICS: Australia Yes
ENCS: Japan Yes

EU REACH: Product is considered compliant with Regulation EC 1907/2006 or Registration, Evaluation, Authorization and restriction of Chemicals (REACH) legislation.

RoHS: Product is in compliance with the European Directive 2002/95/EC on Restriction on Hazardous Substances and the Chinese Administration Measure on the Control of Pollution Caused by Electronic Information.

SARA Title III Chemical Listings

Section 302: Extremely Hazardous Substance: None Known

Section 304: CERCLA Hazardous Substances: None Known

Section 311 / 312 Hazard Class:

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: Yes

Section 313: Toxic Chemicals:
None known

16. OTHER INFORMATION

NA = Not Applicable

NE = Not Established

NC = Not Classified

FILE: 99436-99920R008 PSIS-01042017

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DATE: 1-4-2017

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