



U.S. Format

# SAFETY DATA SHEET

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: RC-4067

Product Number (Optional): 99549

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: None hazardous

Target Organs: Not applicable

GHS Classification: Not Classified According to GHS

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>
Dicumyl peroxide	80-43-3	0.1-0.2
2,2'-Azobis (2-Methylbutyronitrile)	13472-08-7	1.0-2.0
Azodicarbonamide	123-77-3	0.5-1.0

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: Wash off with soap and plenty of water. Consult a physician.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 20 minutes and consult a physician.

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:	The most important known symptoms and effects are described in the labelling (see Section 2) and/or in Section 11.
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 Oxides, Silicone Dioxide, nitrogen oxides (NOx).
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:	Prevent further leakage or spillage. Do not let product enter drains.
Methods and Materials for Containment and Cleaning Up:	Remove all sources of ignition. Contain spillage, then collect with electrically protected devices, or by wet brushing. Take up mechanically. Collect in closed containers for disposal. For disposal see Section 13.

## 7. HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with skin and eyes. Provide appropriate exhaust ventilation at places where vapors are formed. No Smoking, Take Measures to prevent the build-up of electro-static charge. For precautions see Section 2.
Conditions for Safe Storage:	Keep container tightly closed in a dry and well-ventilated place. Keep in a dry place.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with Workplace Controls Parameters:

<u>Components</u>	<u>CAS #</u>	<u>Value</u>	<u>Control Parameter</u>	<u>Basis</u>
N/A				

Exposure Controls:  
Appropriate Engineering Controls:

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

**Personal Protective Equipment:**

Respiratory Protection:

Hand Protection:

Eye Protection:

Skin and Body Protection:

Hygiene Measures:

workday.

Recommendation in case of long or strong exposure.

Butyl rubber protective gloves or neoprene or nitrile rubber gloves.

Safety glasses with side-shields conforming to local regulations. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Additional skin protection, such as Tyvek apron, over-sleeves, lab coat, coveralls, or protective suit should be worn if splashing could occur. Provide emergency shower and eye-bath.

Wash and dry hands.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Appearance:**

Form:

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.

Auto-ignition Temperature:

Not self-igniting.

Lower Explosion Limit:

No data available.

Upper Explosion Limit:

No data available.

Vapor Pressure:

No data available.

Specific Gravity:

No data available.

Water Solubility:

Not water soluble.

Partition Coefficient:

No data available.

Relative Vapor Density

No data available.

Odor:

No data available.

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:

Protect from excessive heat. Keep away from sources of ignition and heat.

Materials to Avoid:

No data available.

Hazardous Decomposition  
Products:Other decomposition products - no data available.  
In the event of fire: see Section 5.

Thermal decomposition:

To avoid thermal decomposition, do not overheat.

**11. TOXICOLOGICAL INFORMATION**

Acute Toxicity:

Oral LD50:

No data available.

Dermal LD50:

No data available.

Other Info. on Acute Toxicity:

No data available.

Skin Corrosion/Irritation:	No data available.
Serious Eye Damage/Irritation:	No data available.
Respiratory or Skin Sensitization:	No data available.
Germ Cell Mutagenicity:	No data available.
Carcinogenicity:	
IARC:	No data available.
IARC:	No data available.
NTP:	No data available.
OSHA:	No data available.
Reproductive Toxicity:	No data available.
Teratogenicity:	
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.
Bio-accumulative 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:	Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.
Contaminated Packaging:	Dispose of as unused product.

## 14. TRANSPORT INFORMATION

Not classified as hazardous for transportation purposes

## 15. REGULATORY INFORMATION

SARA 302 Components:	No chemicals in this material are subject to the reporting requirements of SARA Title III.
SARA 311/312 Hazards: CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act):	Not Applicable
SARA Title III (Superfund Amendments and Reauthorization Act):	Not Applicable

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
N/A		

## 16. OTHER INFORMATION

NA = Not Applicable  
NE = Not Established  
NC = Not Classified

FILE: 99549-RC 4067 SDS-01072018  
PREPARED BY: Jianhua Zou  
REVIEWED BY: Michal Werbecki  
DATE: January 7, 2019

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