



# PRODUCT SAFETY INFORMATION SHEET

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

TRADE NAME: Protect Thermal Interface Material

PRODUCT NUMBERS COVERED: NA

USE OF ARTICLE: Thermal Conductive Silicone Sheet

DATE ISSUED: 04/13/2023

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
1100 Governor Lead Rd  
Bear, DE 19701 USA  
Phone: 01-302-834-2100  
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## 2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NE

LABELING REQUIREMENTS: NE

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. However, machining or grinding may cause dusting. Processing material at temperatures exceeding decomposition temperatures may release toxic fumes.

INHALATION: Dust generated during machining or grinding may cause respiratory irritation.

EYE CONTACT: Dust may cause irritation.

SKIN CONTACT: Dust may cause irritation.

INGESTION: None known.

CHRONIC: NE

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

The materials are produced as an "article" as defined in 29 CFR 1910.1200 and REGULATION (EC) N° 1907/2006 is therefore exempt from the Hazard Communication Standard and REACH. Since this material does not release and will not result in exposure to a hazardous chemical under normal conditions of use, no Safety Data Sheet is required.

<u>Chemical Name</u>	<u>CAS No.</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
NA	NA	NA	NA	NA

## 4. FIRST-AID MEASURES

INHALATION: Inhalation is unlikely in the supplied form. In the event move to fresh air. Obtain medical attention if symptoms persist.

EYE CONTACT: Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.

SKIN CONTACT: Immediately take off all contaminated clothing and flush area with water for 15 to 20 minutes. Obtain medical attention if symptoms persist.

INGESTION: Get medical attention.

## 5. FIRE-FIGHTING MEASURES

FLASH POINT: NE °C (°F) Flammable Limits: LEL NA UEL NA

AUTOIGNITION TEMPERATURE: NE °C (°F)

EXTINGUISHING MEDIA: X Water Spray X Foam X CO<sub>2</sub>  
X Dry Chemical \_\_\_\_\_ Other

SPECIAL FIRE FIGHTING PROCEDURES: Decomposition in a fire may produce toxic fumes. Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Carbon monoxide, formaldehyde, silicon dioxide, metal oxides, and incompletely burned carbon compounds.

## 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protective equipment recommended in Section 8.

ENVIRONMENTAL PRECAUTIONS: The material is not biodegradable.

CLEANING METHODS: Sweep or shovel into appropriate container for disposal.

## 7. HANDLING AND STORAGE

HANDLING: Wear suitable protective equipment, refer to Section 8.

STORAGE: Keep in a cool, well-ventilated area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: None needed under normal conditions. If material is heated and odors are noticeable and/or irritating a respirator, meeting NIOSH requirements, should be used. A qualified individual should evaluate each situation.

VENTILATION  
 LOCAL: Recommended for all industrial operations.  
 GENERAL: Recommended for all industrial operations.

PERSONAL PROTECTION  
 HAND: Wear suitable disposable gloves.  
 EYE: Safety glasses with side-shields are recommended in all industrial operations.  
 SKIN: None required.  
 OTHER: Safety shower/eyewash in the area.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Silicone rubber sheet (Various Colors)  
 ODOR: Characteristic Silicone

PHYSICAL STATE:	Solid
BOILING POINT:	NA °C (°F)
MELTING POINT:	NE °C (°F)
FREEZING POINT:	NA °C (°F)
FLASH POINT:	NE °C (°F)
WATER SOLUBILITY:	In-Soluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	1.5-2.8 (Rubber Only)
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	NA
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA °C (°F)
DECOMPOSITION TEMPERATURE:	NA °C (°F)
PH:	NA
FLAMMABILITY:	NA

## 10. STABILITY AND REACTIVITY

STABLE  X  UNSTABLE \_\_\_\_\_

CONDITIONS TO AVOID:	NE
MATERIALS TO AVOID:	NE
HAZARDOUS POLYMERIZATION:	_____ May Occur <u> X </u> Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	CO, CO <sub>2</sub> , formaldehyde, silicon dioxide, metal oxides, and traces of incompletely burned carbon compounds.

## 11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

## 12. ECOLOGICAL INFORMATION

ECOTOXICITY: NA

## 13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL:	None
ENVIRONMENTAL TOXICITY DATA:	NA
WASTE DISPOSAL METHOD:	Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

## 14. TRANSPORT INFORMATION

UN NUMBER:	Not Regulated
UN PROPER SHIPPING NAME:	Not Regulated
HAZARD CLASS (ES):	Not Regulated
PACKING GROUP:	Not Regulated
ENVIRONMENTAL HAZARDS:	NE

## 15. REGULATORY INFORMATION

### INTERNATIONAL REGULATIONS:

Canadian (DSL/NDSL):	Article - exempt
Australian (ACIS):	Article - exempt
Korea (KECI):	Article - exempt
Japan (ENCS, MITI):	Article - exempt
China (IECSC):	Article - exempt
EU Directive 2011/65/EC (RoHS):	Product is in compliance with the European Directive 2011/65/EC on Restriction on Hazardous Substances and the Chinese Administration Measure on the Control of Pollution Caused by Electronic Information.

TSCA All materials are listed or exempt from TSCA listing.

(*Toxic Substances Control Act*):

CERCLA NA

(*Comprehensive Emergency Response, Compensation, and Liability Act*):

SARA TITLE III NA

(*Superfund Amendments and*

*Reauthorization Act*):

311/312 HAZARD CATEGORIES: None

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:

**CAS #**

NA

**CHEMICAL NAME**

NA

**PERCENT BY WEIGHT**

NA

## 16. OTHER INFORMATION

NA = Not Applicable

FILE: 99401-Protect Thermal Interface Material-04132023

NE = Not Established

NC = Not Classified

PREPARED BY: Corporate EHS

REVIEWED BY: EHS Engineering

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