



PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: RS-700 Series Materials

CHEMICAL FAMILY: Silicone Sponge Rubber

HMIS RATING: H 1 F 1 R 0

USE OF ARTICLE : High Temperature Gaskets and Seals

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation
 171 W. St. Charles Road
 Carol Stream, IL 60188-2081
 Phone: 001-630-784-6200
 Fax: 001-630-784-6201
 Email: msdsinfo@rogerscorporation.com

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL: NA

LABELING REQUIREMENTS: NA

EFFECTS OF OVEREXPOSURE: NA

INHALATION: Dust generated during cutting or grinding can be irritating to mucous membranes.

EYE CONTACT: Dust generated during cutting or grinding can be irritating to mucous membranes.

SKIN CONTACT: May cause irritation.

INGESTION: NA

CHRONIC: NA

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>China OEL</u>	<u>EU Classification</u>
Silica, Crystalline (Quartz)	14808-60-7	238-878-4	<20%	0.025 mg/m3 (Resp.)	NE	NE	Not Classified

This material is produced as an "article" as defined in 20 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.

4. FIRST-AID MEASURES

INHALATION:	Not a likely issue however: Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT:	Not a likely issue however: Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
SKIN CONTACT:	Not a likely issue however: Immediately take off all contaminated clothing and flush area with water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
INGESTION:	Not a likely issue however: Do not induce vomiting. Obtain medical attention if condition warrants.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	NA °C (°F)	Flammable Limits:	LEL	NA	UEL	NA
AUTOIGNITION TEMPERATURE:	NE °C (°F)					
EXTINGUISHING MEDIA:	<u>X</u> Water Spray <u>X</u> Dry Chemical	<u>X</u> Foam <u> </u> Other –	<u>X</u>		CO ₂	
SPECIAL FIRE FIGHTING PROCEDURES:	A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after the fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.					

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Wear suitable protective equipment. Avoid contact with skin and eyes.
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering sewer system, surface water or soil.
CLEANING METHODS:	Pick up larger pieces. Sweep up smaller debris. Dispose of properly.

7. HANDLING AND STORAGE

HANDLING:	Wear suitable protective equipment (refer to Section 8). Wash hands with soap and water after handling.
STORAGE:	Store at ambient temperature and atmospheric pressure in a dry environment. The product should be kept out of direct sunlight (preferably in the dark). The product should be retained in its original packaging.

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.
<u>VENTILATION</u>	
LOCAL:	Recommended for all industrial operations.
GENERAL:	Recommended for all industrial operations.

PERSONAL PROTECTION

HAND:	Gloves are not normally required, however to avoid skin contact wear as desired.
EYE:	Safety glasses with side-shields are recommended in all industrial operations.
SKIN:	Protective equipment is not normally necessary.
OTHER:	Exercise good industrial practice. Wash after handling, especially before eating, drinking or smoking. Safety shower/eyewash in the area.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Various Colors
ODOR:	Negligible Odor
PHYSICAL STATE:	Solid Sponge Foam Rubber
BOILING POINT:	NA °C (°F)
MELTING POINT:	NE °C (°F)
FREEZING POINT:	NA °C (°F)
FLASH POINT:	NE °C (°F)
WATER SOLUBILITY:	Insoluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	250 kg/m ³ (Water = 1)
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:	Prolonged contact with organic fluids.
MATERIALS TO AVOID:	NE
HAZARDOUS POLYMERIZATION:	<u> </u> May Occur <u> X </u> Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Silica. Carbon oxides and traces of incompletely burned carbon compounds. When burnt, product may emit formaldehyde vapors. Gases given off when burnt do not contain more than 0.05% chlorine.

11. TOXICOLOGICAL INFORMATION

Other Health Hazard Information:	Product may emit formaldehyde vapors at temperatures above 150°C in presence of air. Formaldehyde vapor is harmful by inhalation and irritating to eyes and respiratory system at breathing concentrations less than one part per million (1 ppm).
----------------------------------	--

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution:	Sponge material, insoluble in water. No adverse effects are predicted.
Ecotoxicity Effects:	No adverse effects on aquatic organisms are predicted.
Bioaccumulation:	No bioaccumulation potential.
Fate and Effects in Waste Water Treatment Plants	No adverse effects on bacteria are predicted.

13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES AFFECTING DISPOSAL: Materials are solid and are easily handled. Place in appropriate disposal container.
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): NE
Australian (ACIS): NE
Korea (KECI): NE
Japan (ENCS, MITI): NE
China (IESCS): Article - Exempt
EU Directive 2011/65/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.
European:
Symbol: Not classified according to directive 1999/45/EC and 2001/60/EC (dangerous preparations).
R-Phase(s): NA
S-Phase(s): NA
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:

<u>CAS #</u>	<u>CHEMICAL NAME</u>	<u>PERCENT BY WEIGHT</u>
NA	NA	NA

16. OTHER INFORMATION

NA = Not Applicable
NE = Not Established
NC = Not Classified
Date Prepared: 06302016

FILE: 99336-Rogers RS-700 Series-06302016
99336
PREPARED BY: Michal Werbecki
REVIEWED BY: Curtis Kempton

THE INFORMATION CONTAINED HEREIN IS BASED ON DATA CONSIDERED ACCURATE. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THESE DATA OR THE RESULT TO BE OBTAINED FROM THE USE THEREOF.

ROGERS CORPORATION ASSUMES NO RESPONSIBILITY FOR PERSONAL INJURY OR PROPERTY DAMAGE TO VENDEES, USERS OR THIRD PARTIES CAUSED BY THE MATERIAL. SUCH VENDEES OR USERS ASSUME ALL RISKS ASSOCIATED WITH THE USE OF THE MATERIAL.