



PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: CS 551 Series

CHEMICAL FAMILY: Silicone

HMS RATING: H 1 F 1 R 0

USE OF ARTICLE: Gasket

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation
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001-703-527-3887 (International – Call Collect) (24 Hours)

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, Amorphous	7631-86-9	231-545-4	<25%	3 mg/m3 (Resp.)	5 mg/m3 (Resp.)	NE	Not Classified
Silica, Crystalline (Quartz)	14808-60-7	238-878-4	<22%	0.025 mg/m3 (Resp.)	NE	NE	Not Classified
Aluminum Oxide	1344-28-1	215-691-6	<1%	1 mg/m3 – (Resp.)	5 mg/m3 (Resp.)	NE	Not Classified
Carbon Black	1333-86-4	215-609-9	<1%	3.5 mg/m3	3.5 mg/m3	dust - 4 mg/m3 TWA	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: Remove 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: 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: X Water Spray X Foam X CO₂
X Dry Chemical _____ Other – _____

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should be equipped with self-contained breathing apparatus and turnout gear.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Wear suitable protective equipment. Wear self-contained breathing apparatus and heavy rubber gloves. 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: 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: Gloves to avoid skin contact if desired.

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: Various colors
ODOR: Negligible Odor
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: Insoluble
VAPOR DENSITY: NA
VAPOR PRESSURE: NA
SPECIFIC GRAVITY: 1.1 – 1.5 (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 UNSTABLE

CONDITIONS TO AVOID: NE
MATERIALS TO AVOID: NE
HAZARDOUS POLYMERIZATION: May Occur Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Monoxide, Carbon Dioxide, and Hydrocarbons

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: NA

12. ECOLOGICAL INFORMATION

ECOTOXICITY: NA

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 2002/95/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.

European:
Symbol: Not classified according to directive 1999/45/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>
1344-28-1	Aluminum Oxide	<1%

16. OTHER INFORMATION

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

FILE: 99326-Rogers CS 551 Series-04162013
99326

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Date Prepared: 04/16/2013

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