

PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME:	BF-1000 Series
CHEMICAL FAMILY:	Polydimethylsiloxane Polymer
HMIS RATING:	H 1 F 1 R 0
USE OF ARTICLE	Gasket – Sound Barrier
DATE ISSUED:	02/02/2022
COMPANY/UNDERTAKING IDENTIFICATION:	Rogers Corporation 171 West Charles St. Carol Stream, IL 60188-2081 Phone: 001-630-784-6200 Fax: 001-630-784-6201 Email: msdsinfo@Rogerscorporation.com
CHEMTREC:	800-424-9300 (U.S. & Canada) (24 Hours) 001-703-527-3887 (International – Call Collect) (24 Hours)

2. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL:	NE
LABELING REQUIREMENTS:	NE
EFFECTS OF OVEREXPOSURE:	None are expected with normal handling. Materials listed in Section 2 are encapsulated or compounded making release unlikely. Cutting and other finishing operations may create dust. Ventilation and personal protective equipment should be similar to operations generating nuisance dust.
INHALATION:	Dust may cause respiratory irritation.
EYE CONTACT:	Dust may cause irritation.
SKIN CONTACT:	None known.
INGESTION:	None known.
CHRONIC:	IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.

3. COMPOSITION/INFORMATION ON INGREDIENTS

This material is 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>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>China OEL</u>	<u>EU Classification</u>
Polydimethylsiloxane Polymer	Proprietary	Proprietary	99	NE	NE	NE	Not classified under 67/548/EC
Carbon Black (Black and gray colors only)	1333-86-4	215-609-9	< 1	3.5 mg/m ³	3.5 mg/m ³	NE	Not classified under 67/548/EC

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:	Not a likely route of exposure. If large amounts of processing dusts are ingested resulting in gastrointestinal discomfort, seek medical attention.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	NE °C (°F)	Flammable Limits:	LEL	NA	UEL	NA
AUTOIGNITION TEMPERATURE:	NE °C (°F)					
EXTINGUISHING MEDIA:	<u>X</u> Water Spray	<u>X</u> Foam	<u>X</u>	CO ₂		
	<u>X</u> Dry Chemical	<u>X</u> Other –				
SPECIAL FIRE FIGHTING PROCEDURES:	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Decomposition in a fire may produce toxic fumes and siliceous char. Carbon monoxide, carbon dioxide, fluorine compounds, formaldehyde, silicon dioxide, and traces of incompletely burned carbon compounds.					

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 solid materials. Use broom and dustpan to collect smaller pieces. 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: Heavy Rubber 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: Cellular Silicone Material
ODOR: Slight Characteristic
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: 0.2 (Water = 1)
PARTITION COEFFICIENT: NA
EVAPORATION RATE: NA
RELATIVE DENSITY: 0.2 g/cc
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: Decomposition in a fire may produce toxic fumes and siliceous char. Carbon monoxide, carbon dioxide, fluorine compounds, formaldehyde, silicon dioxide, and traces of incompletely burned carbon compounds.

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS: IARC has listed carbon black as a Class 2B suspected human carcinogen based on tests with laboratory animals.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: NA

13. DISPOSAL CONSIDERATION

PHYSICAL/CHEMICAL PROPERTIES: None
AFFECTING DISPOSAL: NA
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): Listed
Australian (ACIS): Listed
Korea (KECI): Listed
Japan (ENCS, MITI): Listed
China (SEPA): Article - exempt
EU Directive 1907/2006/EC (REACH): This material is classified as an article.
EU REACH SVHA: This article does not contain SVHC above 0.1% wt .
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:

CAS #

CHEMICAL NAME

PERCENT BY WEIGHT

16. OTHER INFORMATION

NA = Not Applicable
NE = Not Established

FILE: 99055 BF-1000 Series PSIS 02022022.doc

NC = Not Classified

PREPARED BY: Corporate EHS
REVIEWED BY: EHS Engineering

Date Prepared: 02/02/2022

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.



EKO-TECH Sp z o.o. sp. k.
ul. Fabryczna 1B, 42-660 Kalety
tel: 34 3578 624, e-mail: info@eko-tech.biz
www.eko-tech.biz | www.converting-tasm.pl