



## PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: BF-1005 (A) Series

CHEMICAL FAMILY: Polydimethylsiloxane Polymer

USE OF ARTICLE: Gasket – Sound Barrier

DATE ISSUED: 08/28/2020

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation  
171 West Charles St.  
Carol Stream, IL 60188-2081  
Phone: 001-630-784-6200  
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### 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 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.

<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 <sup>3</sup>	3.5 mg/m <sup>3</sup>	NE	Not Classified Under 67/548/EC
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#### 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	<u>NA</u>	UEL	<u>NA</u>
AUTOIGNITION TEMPERATURE:	NE °C (°F)					
EXTINGUISHING MEDIA:	<u>X</u> Water Spray <u>X</u> Dry Chemical	<u>X</u> Foam <u>X</u> Other –	<u>X</u>		CO <sub>2</sub>	
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.
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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  X  UNSTABLE \_\_\_\_\_

CONDITIONS TO AVOID: NE  
MATERIALS TO AVOID: NE  
HAZARDOUS POLYMERIZATION: \_\_\_\_\_ May Occur  X  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 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): Listed  
Australian (ACIS): Listed  
Korea (KECI): Listed  
Japan (ENCS, MITI): Listed  
China (IECSC): Article - Exempt  
EU Directive 2011/65/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.  
TSCA  
(*Toxic Substances Control Act*): All materials are listed or exempt from TSCA listing.  
CERCLA  
(*Comprehensive Emergency Response, Compensation, and Liability Act*): NA  
SARA TITLE III  
(*Superfund Amendments and Reauthorization Act*): NA  
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	Chromium Compounds	<1%
NA	Zinc Compounds	<1%
NA	Copper Compounds	<1%

### 16. OTHER INFORMATION

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

FILE: 99166-BF 1005 A Series PSIS-08282020.doc  
99166  
PREPARED BY: EHS Engineering  
REVIEWED BY: Corporate EHS

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