



High Performance Foams

PRODUCT SAFETY INFORMATION SHEET

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

TRADE NAME: Bisco® IF-200, IF-240

CHEMICAL FAMILY: Filled Silicone Foam on Fiberglass

HMIS RATING: *H 0 F 0 R 0

USE OF ARTICLE: Tear Resistant & Fire Block Materials

DATE ISSUED: 08/10/2010

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation
171 West St. Charles Road
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. 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</u> <u>/ELINCS</u>	<u>%</u>	<u>OSHA</u> <u>PEL</u>	<u>ACGIH</u> <u>TLV</u>	<u>China</u> <u>OEL</u>	<u>EU</u> <u>Classification</u>
Alumina Trihydrate	21645-51-2	244-492-7	< 10	5 mg/m ³ (Resp. Dust)	3 mg/m ³ (Resp. Dust)		Not Classified under 67/548/EC
Carbon Black* (For black and gray colors only.)	1333-86-4	215-609-9	< 1	3.5 mg/m ³	3.5 mg/m ³		Not Classified under 67/548/EC
Treated Silica	Trade Secret	Trade Secret	< 5	5 mg/m ³ (Nuisance Dust)	5 mg/m ³ (Nuisance Dust)		Not Classified under 67/548/EC
Fiberglass Backing (Continuous Filament)	65997-17-3	266-046-0	Varies	5 mg/m ³ (Resp. Dust)	3 mg/m ³ (Resp. Dust)		Not Classified under 67/548/EC
Calcium Carbonate	1317-65-3	215-279-6	< 5	5 mg/m ³ (Resp. Dust)	3 mg/m ³ (Resp. Dust)		Not Classified under 67/548/EC

*See Section 3

3. HAZARDS IDENTIFICATION

CLASSIFICATION OF THE MATERIAL:	Not classified under 67/548/EC.
LABELING REQUIREMENTS:	None
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:	Dusts may cause respiratory irritation.
EYE CONTACT:	Dusts may cause irritation.
SKIN CONTACT:	Dusts may cause irritation.
INGESTION:	None known.
CHRONIC:	The IARC has listed carbon black as a Class 2B possible human carcinogen based on animal studies.

4. FIRST-AID MEASURES

INHALATION:	Dust: Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT:	For Dust: Flush eyes with large amounts of water for 15 to 20 minutes. Obtain medical attention if symptoms persist.
SKIN CONTACT:	Wash contacted areas thoroughly with soap and water.
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> Foam	<u> X </u> CO ₂			
	<u> X </u> Dry Chemical	<u> </u> Other –				
SPECIAL FIRE FIGHTING PROCEDURES:	Decomposition in a fire may produce toxic fumes and siliceous char. Firefighters should be equipped with self-contained breathing apparatus and turnout gear.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None known.					
HAZARDOUS DECOMPOSITION PRODUCTS:	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. Avoid dust contact with eyes and respiratory tract.
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering sewer system, surface water or soil.
CLEANING METHODS:	Normal clean-up.

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, dry, 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, consult a qualified individual to evaluate each situation.
<u>VENTILATION</u>	
LOCAL:	Recommended in heating, finishing, hot wire, and laser cutting operations.
GENERAL:	Recommended for all industrial operations.
<u>PERSONAL PROTECTION</u>	
HAND:	Cotton gloves to protect from fiberglass.
EYE:	Safety glasses are recommended with all industrial operations.
SKIN:	Any material that will prevent contact with fiberglass.
OTHER:	Safety shower and eye wash where tissue contact is possible.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Cellular silicone material on flexible fabric.
ODOR:	Slight characteristic.
PHYSICAL STATE:	Solid
BOILING POINT:	NA
MELTING POINT:	NE
FREEZING POINT:	NA
FLASH POINT:	°C (°F)
WATER SOLUBILITY:	Soluble
VAPOR DENSITY:	NA
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	0.3 (Water = 1)
PARTITION COEFFICIENT:	NA
EVAPORATION RATE:	NA
RELATIVE DENSITY:	0.3 g/cc
VISCOSITY:	NA
AUTO-IGNITION TEMPERATURE:	NA
DECOMPOSITION TEMPERATURE:	NA
PH:	NA
FLAMMABILITY:	NA

10. STABILITY AND REACTIVITY

STABLE <input checked="" type="checkbox"/>	UNSTABLE <input type="checkbox"/>
MATERIALS TO AVOID:	NE
HAZARDOUS POLYMERIZATION:	<input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Does Not Occur
HAZARDOUS DECOMPOSITION PRODUCTS:	Carbon Monoxide, Carbon Dioxide, and Hydrocarbons

11. TOXICOLOGICAL INFORMATION

CARCINOGENIC STATUS:	Carbon Black - IARC Class 2B (Possible carcinogenic to humans).
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12. ECOLOGICAL INFORMATION

ECOTOXICITY:	NA
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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:	Not Regulated

15. REGULATORY INFORMATION

INTERNATIONAL REGULATIONS:	
Canadian (DSL/NDSL):	All materials are listed.
Australian (ACIS):	All materials are listed.
Korea (KECI):	All materials are listed.
Japan (ENCS, MITI):	All materials are listed.
China (SEPA)	All materials are listed.
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 67/548/EEC (dangerous substances) and 1999/45/EC (dangerous preparations).
R-Phase(s):	
S-Phase(s):	
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):	
EU Directive 2002/95/EEL:	Compliant
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	FILE: Bisco IF 200 240
NE = Not Established	99141
NC = Not Classified	PREPARED BY: Mark E. Rabon
	REVIEWED BY: Michal Werbecki

Date Prepared: 08/13/2010

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