



Product Safety Information Sheet

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

TRADE NAME: BISCO® L3 - Foam Series

HMIS RATING: H 0 F 0 R 0

USE OF PREPARATION: Sound and Vibration Reduction

DATE PREPARED: October 19, 2011

COMPANY/UNDERTAKING IDENTIFICATION: Rogers Corporation
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2. HAZARDS IDENTIFICATION

EFFECTS OF OVEREXPOSURE: None are expected with normal handling. Materials listed in Section 2 are encapsulated or compounded making release unlikely.

INHALATION: Machined dust may cause respiratory irritation. (Machines mean using a saw to cut the article, which generates visible particles.)

EYE CONTACT: Dust caused by mechanical grinding or cutting may cause mechanical irritation.

SKIN CONTACT: None anticipated.

INGESTION: Not a likely route of exposure.

CHRONIC: Carbon black has been classified as a Group 2B carcinogen ('Possibly Carcinogenic to Humans').

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>EU Classification</u>
Aluminum Oxide	1344-28-1	215-691-6	<10	5.0 mg/m ³ resp.	1 mg/m ³	Not Classified under 67/548/EC
Alumina Trihydrate	21645-51-2	244-492-7	20-40	5 mg/m ³ (Resp. Dust)	3 mg/m ³ (Resp. Dust)	Not Classified under 67/548/EC
Carbon Black (only in Color versions)	1333-86-4	215-609-9	< 1	3.5 mg/m ³	3.5 mg/m ³	Not Classified under 67/548/EC

This material is produced as an "article" as defined in 20 CFR 1910.1200 and is therefore exempt from the Hazard Communication Standard. Since this material does not release chemicals and will not result in exposure to a hazardous chemical under normal conditions of use, no Material Data Sheet is required. This form is provided as a convenience to our customers.

4. FIRST-AID MEASURES

INHALATION:	No likely route of exposure. Remove to fresh air. Obtain medical attention if symptoms persist.
EYE CONTACT:	For dust generated during mechanical cutting: Immediately flush eyes and eyelids thoroughly with water for at least 15 minutes while lifting upper and lower eyelids. Obtain medical attention if symptoms persist.
SKIN CONTACT:	Wash area of contact thoroughly with soap and water if irritation develops. Obtain medical attention if symptoms persist.
INGESTION:	Obtain medical attention if symptoms persist.

5. FIRE-FIGHTING MEASURES

FLASH POINT:	NA	Flammable Limits:	LEL	NA	UEL	NA
METHOD USED: AUTOIGNITION TEMPERATURE:	NA NA					
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:	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.					
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Decomposition in a fire may cause Toxic Fumes to be emitted. Refer to Section 10.					

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	In case of fire, toxic fumes are emitted. Use Self-contained Breathing Apparatus in fire conditions.
ENVIRONMENTAL PRECAUTIONS:	Prevent from entering sewer system, surface water or soil.
CLEANING METHODS:	Sweep or shovel spills into appropriate container for disposal. Avoid creating airborne dust.

7. HANDLING AND STORAGE

HANDLING:	No protective equipment need if handle as raw materials. Wear suitable protective equipment if performing mechanical cutting, refer to Section 8.
STORAGE:	Keep in a cool, well-ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name</u>	<u>CAS No.</u>	<u>EINECS /ELINCS</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Carbon Black (only in Color versions)	1333-86-4	215-609-9	3.5 mg/m ³	3.5 mg/m ³

RESPIRATORY PROTECTION:	If mechanical ventilation is absent or inadequate to maintain exposure levels below those listed in Section 3, use NIOSH/MSHA approved respirators. No respirator protection required handling material or during stamp cutting.
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VENTILATION

LOCAL:

Use local exhaust at point of emission in machining operations where exposure levels are exceeded or dust is irritating.

GENERAL:

Recommended with all industrial operations.

PERSONAL PROTECTION

HAND:

No gloves required with handling materials.

EYE:

Non-required, due to this product.

SKIN:

Non-required due to this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Silicone material Sheeted
ODOR:	Slight characteristic
PHYSICAL STATE:	Solid, Various Colors
BOILING POINT:	NA
FLASH POINT:	NE
MELTING POINT:	NA
FREEZING POINT:	°C (°F)
WATER SOLUBILITY:	InSoluble
VAPOR PRESSURE:	NA
SPECIFIC GRAVITY:	NA
PARTITION COEFIECIENT:	0.23 (water = 1)
EXPLOSIVE PROPERTIES:	NA
EVAPORATION RATE:	NA
DENSITY:	12-25 lb/ft ³
VISCOSITY:	NA
IGNITION TEMPERATURE:	NA
PH:	NA
FLAMMABILITY:	NA
OXIDIZING PROPERTIES:	NA

10. STABILITY AND REACTIVITY

STABLE UNSTABLE

CONDITIONS TO AVOID: None Under Normal Use

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:	Carbon black - IARC Class 2B (Possible carcinogenic to humans).
ACUTE/CHRONIC:	NA
REPRODUCTIVE HAZARDS:	NA

12. ECOLOGICAL INFORMATION

ECOTOXICITY	NA
MOBILITY	NA
PERSISTENCE AND DEGRADABILITY	NA
BIOACCUMULATIVE POTENTIAL	NA
RESULTS OF PBT ASSESSMENT	NA
OTHER ADVERSE EFFECTS	NA

13. DISPOSAL CONSIDERATIONS

ENVIRONMENTAL TOXICITY DATA: NA
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable, federal, state, provincial, and local laws and regulations.
CONTAINER DISPOSAL: NA

14. TRANSPORT INFORMATION

DOT/ADR CLASSIFICATION: NOT REGULATED
RID CLASSIFICATION: NOT REGULATED
IMDG CLASSIFICATION: NOT REGULATED
ICAO/IATA CLASSIFICATION: NOT REGULATED
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): NE
Australian (ACIS): NE
Korea (KECI): NE
China (IECSC): Article
Japan (ENCS, MITI): NE
EU Directive 2002/95/EC (RoHS): Does not contain any intentionally added substances mentioned by the RoHS directive.
European: Not classified according to directive 1999/45/EC (dangerous preparations).
R-Phrase(s): NA
S-Phrase(s): NA
CHEMICAL SAFETY ASSESSMENT: NE
EU REACH: Material is classified as an Article
TSCA: All ingredients are TSCA listed. Material is classified as an Article
(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 FILE: R99220 L3 Foam Series PSIS .doc
NE = Not Established 99220
NC = Not Classified PREPARED BY: Michal Werbecki
REVIEWED BY: Greg Sullivan

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.

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