BLAIR RUBBER COMPANY INNOVATION TO MAKE IT FIRST, QUALITY TO MAKE IT LAST.	**Document Type:**	MSDS	**Document #:**	MSDS068
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	Page #:	1 of 4	**Revision/Review Date:**	1/23/2014

Material Safety Data Sheet
Enduraflex™ C-922-BN

1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Trade Names: Enduraflex C-922-BN

Description: Natural Rubber

Company Identification: Blair Rubber Company
5020 Panther Parkway
Seville, OH 44273

Emergency Phone Number: 800-424-9300

International Number: 202-483-7616

Information Number: 330-769-5583

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components	CAS No.	Approximate %
Zinc Oxide	1314-13-2	< 6
Carbon black	1333-86-4	6

3. HAZARDS IDENTIFICATION

HMIS HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTION: E

PRIMARY ROUTES OF EXPOSURE: Eye, Skin, Inhalation (breathing), Ingestion (swallowing).
EYE CONTACT: No known effect.
SKIN CONTACT: No known effect.
INHALATION (Breathing): No known effect.
INGESTION (Swallowing): No known effect.

TARGET ORGANS/CHRONIC EFFECTS: Lungs and respiratory system. Studies show that exposure to hot rubber compound vapors may cause some loss of lung capacity.

EMERGENCY OVERVIEW: No health hazards are known. Polymer bound compounds preclude the possibility of airborne dust. They also eliminate the problems generally associated with powered chemicals. Carbon black IARC MONOGRAPH 65 has recently changed carbon black to a category 2B (possible human carcinogen).
See sections 5 & 6.

4. FIRST AID MEASURES

EYE CONTACT: Flush eyes with water for at least 15 minutes. Get prompt medical attention.

SKIN CONTACT: Wash with soap and water. If irritation develops, consult a physician.

INHALATION (Breathing): At processing temperatures, fumes and vapors may cause irritation to the respiratory tract. These effects are reversiable upon removal from exposure. If symptoms develop, seek immediate medical attention.

INGESTION (Swallowing): No known effects.

5. FIRE - FIGHTING MEASURES

Flash Point .....: 500° F **Autoignition.....:** Not Determined
Explosive Limits: N/A

HAZARDOUS COMBUSTION AND DECOMPOSITION PRODUCTS: Smoke, soot, and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, SO2, amine decomposition, etc.).

FIRE AND EXPLOSION HAZARDS: During a fire, irritating and highly toxic gases may be generated during combustion or decomposition.

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, halon, water spray, or foam. CO2 may be ineffective on large fires due to lack of cooling capacity which may result in reignition.

FIRE FIGHTING PROCEDURES/EQUIPMENT: Fire fighters and others who may be exposed to the products of combustion should be equipped with NIOSH-approved positive pressure self-contained breathing apparatus (SCBA) and full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

CLEAN-UP/PERSONAL PROTECTION EQUIPMENT: Sweep up, pick up or vacuum up into a dry clean container for reuse or disposal.

COLLECTION AND DISPOSAL: Dispose of according to applicable local, state and federal regulations. Not classified as a RCRA Hazardous waste as defined in CFR 40 261.3. State or local Environmental Regulations may apply if they are different from Federal Regulations.

REPORTING: N/A

7. HANDLING AND STORAGE

STORAGE CONDITIONS: Store in cool, dry, well ventilated area away from heat, ignition sources, and direct sunlight. Keep containers closed. **WARNING: Application of this product within a tank or other confined space must comply with the requirements of OSHA Permit - Required Confined Spaces Standard.**

PERSONAL HYGIENE: Wash thoroughly after handling, especially before eating, drinking, smoking, and using restroom facilities.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

	ACGIH-TWA	STEL	OSHA-TWA	Ceil	Units	Skin
Zinc oxide	10	N.E.	200	300	ppm	
Carbon black	3.5	N.E.	15	N.E.	mg/m3	

Note: Not an expected hazard when used as intended because chemicals are in a polymer binder.

N.E. - Not Established S - Skin Designation C - Ceiling

ENGINEERING CONTROLS/VENTILATION: Local exhaust ventilation is recommended when vapors, mists, or dusts can be released. **Application of this product within a tank or other confined space must comply with the requirements of OSHA Permit - Required Confined Spaces Standard.**

EXPOSURE CONTROLS/PERSONAL PROTECTION CONTINUED

EYE PROTECTION: Wear goggles or safety glasses.

SKIN PROTECTION: Good hygiene practices require use of gloves when handling uncured rubber products. Any type of coated, cloth or leather gloves will provide adequate protection.

RESPIRATORY PROTECTION: Avoid breathing vapor and/or mists which may be present when processing hot material and avoid breathing dust when buffing/grinding. Wear NIOSH/MSHA-approved equipment. Determine the appropriate type by consulting the respirator manufacturer. Respiratory protection programs must be in compliance with 29 CRF 1910.134. Respiratory protection should not be necessary solely as a result of using this product providing there is adequate ventilation at the process unit.

HYGIENIC PRACTICES: Wash hands before eating, smoking, or using toilet facility. Do not smoke in any chemical handling or storage area. Food or beverages should not be consumed anywhere this product is handled or stored. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance.....: Black	**Odor.....: N/A**	**Physical State.....: Solid**
Specific Gravity...: 1.70	**Solubility in H2O: Insoluble**	**Density.....: 2.11 lbs./sq. ft. (1/4"thk)**

Note: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable under normal conditions of use.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: High temperatures. Sources of ignition.

INCOMPATIBILITY WITH OTHER MATERIALS: N/A.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, sulfur, and zinc; HCL combustion products from rubber, must be considered toxic.

11. TOXICOLOGY INFORMATION: No product toxicological information is available.

12. ECOLOGICAL INFORMATION : No data are available on this product.

13. DISPOSAL CONSIDERATIONS

DISPOSAL: The toxicity characteristic (TC) has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP). Disposal should be done in accordance with Federal (40 CFR Part 261), State and Local environmental control regulations. If waste is determined to be hazardous, use licensed hazardous waste transporter and disposal facility.

GENERAL STATEMENTS: Federal regulations may apply. State and/or local regulations may be different.

GENERAL RECOMMENDATIONS: Of the methods of disposal currently available it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability:
(1) recycle or rework, if feasible; (2) land fill or acceptable waste treatment facility.

SPECIAL INSTRUCTIONS: Be sure to contact the appropriate government environmental agencies if further guidance is required.

14. TRANSPORT INFORMATION

Weight (lb) Shipping Name: RUBBER, UNVULCANIZED

DOT Label : N/A DOT Label No.: N/A Hazard Class: Non-Hazardous Packing Group: N/A

15. REGULATORY INFORMATION

FEDERAL: This product is not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SARA Title III - Section 311/312 - Hazard Categories:

Y - Fire Hazard
N - Sudden Release of Pressure Hazard
N - Reactivity Hazard
Y - Immediate (Acute) Health Hazard
Y - Delayed (Chronic) Health Hazard
Ozone-Depleting chemicals - No regulated ingredients

SARA Section 302 Extremely Hazardous Materials: None. **SARA Section 313 Toxic Chemicals:** Zinc oxide.

CANADA: This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

16. OTHER INFORMATION/ADDITIONAL COMMENTS

USERS RESPONSIBILITY: A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein- are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

DISCLAIMER OF LIABILITY: The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

The ingredients listed Composition/Information on the Components Section are embedded in the product and are provided for information.

Blair Rubber Company provides the information herein compliance with Federal hazard communication standard, 29 CFR 1910.1200, to give warning of actual and assumed hazards, and to inform of generally applicable precautions and control measures which are known to Blair Rubber Company. Hazard information is based on available scientific evidence, but is not always obtained from sources under the direction or control of Blair Rubber Company. Blair Rubber Company makes no warranty or representation that the information is accurate, reliable, complete or representative and Buyer may rely thereon only at Buyer's own risk. Blair Rubber Company warrants only that it has made no effort to censor other than trade secret information or to conceal hazards of its products. The data shown on these pages in no way modifies, amends or enlarges any specification or warranty.