

**MATERIAL SAFETY DATA SHEET**

GLOBAL ECOTECHNOLOGIES, INC.  
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PITTSBURG, CA 94565

MEDICAL EMERGENCIES: 911  
GENERAL INFORMATION: 925-473-9250

DATE REVISED: MAY 2, 2006

CHEMTREC ASSISTANCE: 1-800-424-9300

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**SECTION I - PRODUCT DESCRIPTION**  
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PRODUCT NAME: **ENDURA-FLEX® RBU SIDE B**

NFPA 704M/HMIS RATING: 2-HEALTH 1-FLAMMABILITY 0-REACTIVITY  
0 = Least 1 = Slight 2 = Moderate 3 = High 4 = Extreme

HAZARD SUMMARY (AS DEFINED BY OSHA HAZARD COMM. STD., 29 CFR 1910.1200)

PHYSICAL HAZARDS: NONE

HEALTH HAZARDS: BASED ON MDI - IRRITANT (EYE, SKIN, RESPIRATORY PASSAGES, SKIN SENSITIZER), INHALATION (TLV), HARMFUL (RESPIRATORY SENSITIZER, LUNG INJURY).

READ THE ENTIRE MSDS FOR A MORE THOROUGH EVALUATION OF THE HAZARDS.

**RECOMMENDED EXPOSURE LIMIT/HAZARDOUS INGREDIENTS**

HAZARDOUS INGREDIENTS	CAS NUMBER	OCCUPATIONAL EXPOSURE LIMITS		
		OSHA PEL	ACGIH TLV	MFG TLV
PROPRIETARY AMINE	68479-98-1	N/E	N/E	

**NO TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SARA SECTION 313 OF TITLE III AND OF 40 CFR 372.**

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**SECTION II - HEALTH HAZARD INFORMATION**  
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**GENERAL:** No toxicity information is available on this specific preparation; this health hazard assessment is based on information that is available on the properties of its components.

**EYE:** This material will probably irritate human eyes following contact. Contact with heated material may cause thermal burns.

**SKIN:** No irritation is likely to develop following short contact periods with human skin. Skin sensitization and/or irritation may develop after repeated and/or prolonged contact with human skin.

**SKIN ABSORPTION:** Repeated skin contact can cause reddening, swelling, and blistering.

**MSDS - ENDURA-FLEX® RBU B:**

**INGESTION:** Low level of acute oral toxicity, can cause nausea, vomiting, diarrhea, headache and irritation and/or burns to the mouth.

**INHALATION:** Inhalation of mists and vapors can cause dry throat and cough, dizziness, headache, nausea and fatigue.

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**SECTION III - EMERGENCY AND FIRST AID PROCEDURES**  
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**EYE CONTACT:** Immediately flush with large amounts of water for at least 15 minutes. If redness, itching, or a burning sensation develops seek medical aid.

**SKIN CONTACT:** Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. Wash contaminated clothing and decontaminate footwear before reuse.

**INHALATION:** Remove from exposure to fresh air. If breathing has stopped or is difficult, administer artificial respiration, preferably mouth-to-mouth. If breathing is labored give oxygen as indicated. Seek medical aid.

**INGESTION:** If victim is conscious and alert, give 1-2 glasses of water or milk. Do not induce vomiting. If gastrointestinal symptoms develop, seek medical aid. (Never give anything by mouth to an unconscious person.)

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**SECTION IV - FIRE AND EXPLOSION HAZARD INFORMATION**  
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**FLASH POINT AND METHOD:** >300 °F                      **METHOD USED:** PMCC

**FLAMMABLE LIMITS (% BY VOLUME/AIR):**    LOWER: N/A                      UPPER: N/A

**EXTINGUISHING MEDIA:** Use dry chemical, carbon dioxide, halogenated agents. If water is used, use very large quantities. The reaction between water and hot isocyanate may be vigorous.

**FIRE-FIGHTING PROCEDURES:** Wear complete fire service protective equipment, including full-face MSHA/NIOSH approved self-contained breathing apparatus. Use water to cool fire-exposed container/structure and to protect personnel. Toxic vapors may be given off in a fire.

**FIRE AND EXPLOSION HAZARDS:** When heated (fire conditions), vapors/decomposition products may be released forming flammable/explosive mixtures in the air. Closed containers may explode when exposed to extreme heat (fire).

**SENSITIVITY TO MECHANICAL IMPACT:** ND

**SENSITIVITY TO STATIC DISCHARGE:** ND

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**SECTION V - SPILL, LEAK, AND DISPOSAL INFORMATION**  
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**SPILL OR LEAK PROCEDURES (PRODUCT):** Wear skin, eye, and respiratory protection during cleanup. Soak up material with absorbent and shovel into a chemical waste container. Cover container, but do not seal, and remove from work area. For major spills, call CHEMTREC (Chemical Transportation Emergency Center) at 800-424-9300.

**DISPOSAL METHOD:** Dispose of as an industrial waste in accordance with local, state, and federal regulations.

**CONTAINER DISPOSAL:** Drums must be thoroughly drained to process or storage vessels before removal to an appropriate area for subsequent decontamination. Note that the disposal of spent decontamination solutions may be subject to federal, state or local regulations, ordinances or conditions of discharge permits. Local regulations should also be consulted before final disposition of decontaminated drums. Puncture or otherwise destroy the rinsed container before disposal.

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**SECTION VI - PERSONAL PROTECTION INFORMATION**  
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**EYE PROTECTION:** Industrial safety glasses, minimum. As necessary to comply with 29 cfr 1910.133 and work area conditions: use side shields, goggles, or face shield.

**SKIN PROTECTION:** As required, industrial resistant flexible-type gloves. Depending on working conditions, i.e., contact potential, wear impervious protective garments such as head/neck cover, aprons, jackets, pants, coveralls, boots, etc.

**RESPIRATORY PROTECTION:** Provide adequate ventilation to keep the airborne concentration below TLV limit. For concentration above TLV limit use a positive pressure self-contained breathing apparatus (SCBA) or NIOSH/MSHA approved positive supplied air respirator with a full face piece and escape (SCBA) required.

**VENTILATION:** Provide sufficient general/local exhaust ventilation in pattern/volume to control inhalation exposures below current exposure limits. Local exhaust is necessary for use in enclosed or confined spaces. See OSHA Requirement/NIOSH Pub. 80-106 "Working in a Confined Space".

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**SECTION VII - PERSONAL HANDLING INSTRUCTIONS**  
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**HANDLING:** Avoid prolonged or repeated breathing of vapors, mists, or fumes. Avoid breathing of fumes, mists, or smoke. Observe good personal hygiene practices and recommended procedures.

**STORAGE:** Keep in a closed, labeled container within a cool (well shaded), dry, ventilated area. Protect from physical damage. Keep containers closed when material is not in use. Maintain good housekeeping.

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**OTHER:** Not for use or storage in or around the home. DO NOT TAKE INTERNALLY. Do not use until manufacturer's precautions have been read/understood. Wash exposed areas promptly and thoroughly after skin contact and before eating, drinking, using tobacco products, or rest rooms.

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**SECTION VIII - REACTIVITY DATA**  
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**STABILITY:** Stable under normal conditions.

**INCOMPATIBILITY:** Isocyanates and strong reducing agent.

**HAZARDOUS REACTIONS/DECOMPOSITION/COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide.

**CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION:** None  
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**SECTION IX - PHYSICAL DATA**  
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**BOILING POINT:** >300°F **SPECIFIC GRAVITY:** (H2O=1): 1.1

**MELTING POINT:** N/A **% VOLATILE BY VOL:** N/A

**VAPOR PRESSURE:** 10.0 (329°F) **VISCOSITY:** N/A

**SOLUBILITY IN WATER:** SLIGHT **pH:** N/A

**VOC:** NONE

**APPEARANCE/ODOR:** CREAM OR WHITE/SLIGHT ODOR

**SUPPLIER INFORMATION:** Same as manufacturer.  
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**NOTICE:** While the information and recommendations set forth herein are believed to be accurate as of the date hereof, Global EcoTechnologies, Inc., makes no warranty with respect thereto and disclaims all liability from reliance thereon.

**MSDS - ENDURA-FLEX® RBU B:**

ENDURA-FELX® RBU B

Your company is a current purchaser or has received/requested samples of one or more of the above-named products. Material Safety Data Sheets are enclosed for these products. Material Safety Data Sheets are being supplied to you as required by the OSHA Hazard Communication Standard (29 CFR 1910.1200) and/or Canada's Workplace Hazardous Material Information System (WHMIS) to assist you in the development of your Hazard Communication Program.

It is your responsibility to provide this information to the appropriate individual(s) within your organization who are responsible for the dissemination of this information to your employees. If this product/sample is used at a location other than that of the mailing address, it is your responsibility to forward this information to the location(s) at which this product is used. If this Material Safety Data Sheet is revised, the revised version will be forwarded to you. If you resell a Global EcoTechnologies, Inc., product, it is your responsibility to provide adequate warnings to your customers in the form of the Material Safety Data Sheet and labels.

If you are a wholesale/retail distributor who sells Global EcoTechnologies, Inc., products to commercial customers, you must provide an MSDS to these customers upon request. Additionally, you must post a sign or otherwise inform your customers that an MSDS is available to them upon request.

If you need information concerning Material Safety Data Sheets, their distribution, product labeling or technical information concerning the products you purchase from us, call 925-473-9250.

Global EcoTechnologies, Inc., is pleased to provide you with this information and looks forward to serving you again in the future.