

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: FIBER-LOK  
 PRODUCT CLASS: LATEX EMULSION  
 PRODUCT NUMBER: 00876, 00876C, 00878, 00878C

**SECTION I - MANUFACTURER IDENTIFICATION**

ENVIRONMENTAL TECHNOLOGY, INC.  
 300 SOUTH BAY DEPOT ROAD  
 FIELDS LANDING, CA 95537

**DEPARTMENT OF TRANSPORTATION INFORMATION:**

NON-HAZARDOUS

**PHONE NUMBER FOR INFORMATION:**

(707) 443-9323

**TRANSPORTATION EMERGENCY PHONE NUMBER:**

CHEMTREC (800) 424-9300

**DATE PREPARED:**

10/15/06

**PREPARED BY:**

TECHNICAL DIRECTOR

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

HAZARDOUS COMPONENTS	CAS REG.NO.	APPROX WT.%	ACGIH TWA/TLV	OSHA PEL	VAPOR PRESSURE mm Hg
AMMONIA	7664-41-7	<1	25ppm	50ppm	>1 atm

AMMONIA IS LISTED UNDER SARA TITLE III AS FOLLOWS: SECTION 302, WITH A TPQ OF 500 LBS; SECTION 304 - CERCLA RQ IS 100 LBS; SECTION 313 - SUBJECT TO REPORTING REQUIREMENTS

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

BOILING RANGE °F	212	PERCENT VOLATILE BY VOLUME		43
MELTING OR FREEZING POINT	32°F	PERCENT VOLATILE BY WEIGHT		44
VAPOR DENSITY (AIR=1)	<1	EVAPORATION RATE (SLOWER THAN ETHER)	LBS./GAL	8.0
SOLUBILITY IN WATER: DISPERSIBLE			VOC LBS/GAL	NIL
APPEARANCE AND ODOR: THICK, CREME COLORED LIQUID WITH AMMONIA ODOR			VOC GRAMS/LITER	NIL

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED): WILL NOT FLASH

FLAMMABLE LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:  FOAM  ALCOHOL FOAM  CO2 DRY CHEMICAL  WATER SPRAY  OTHER

SPECIAL FIRE FIGHTING PROCEDURES: COOL UNOPENED CONTAINERS WITH WATER SPRAY TO PREVENT RUPTURE.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE EXPECTED. LIQUID WILL NOT BURN. DRIED MATERIAL WILL BURN WITH BLACK SMOKE.

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**SECTION V - REACTIVITY DATA**

STABILITY: \_\_\_ UNSTABLE X STABLE / CONDITIONS TO AVOID:

INCOMPATIBILITY (MATERIALS TO AVOID): ACIDS, STRONG OXIDIZERS, HYPOCHLORITE BLEACHES, HALOGENS, CALCIUM, GOLD, MERCURY, SILVER, AND SILVER SALTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: AMMONIA LIBERATED BY HEAT. COMBUSTION OF DRIED FILM, OR DRYING MATERIAL PRODUCES TOXIC OXIDES OF CARBON AND NITROGEN.

HAZARDOUS POLYMERIZATION: \_\_\_ MAY OCCUR X MAY NOT OCCUR.

**SECTION VI - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY: INHALATION? **YES** SKIN? **YES** INGESTION? **YES** EYE CONTACT? **YES**

HEALTH HAZARDS (ACUTE AND CHRONIC): NOSE, THROAT, UPPER RESPIRATORY SYSTEM, EYES, AND SKIN IRRITATION ARE POSSIBLE. EXPOSURE MAY INCREASE PULSE RATE AND BLOOD PRESSURE. INGESTION COULD CAUSE DIGESTIVE SYSTEM IRRITATION, PAIN, AND VOMITING. DIRECT EYE CONTACT COULD CAUSE BLINDNESS.

CARCINOGENICITY: NTP? **NO** IARC MONOGRAPHS? **NO** OSHA REGULATED? **NO**

SIGNS AND SYMPTOMS OF EXPOSURE: SHORT TERM EXPOSURE COULD CAUSE TEARING, BLURRED VISION AND RESPIRATORY IRRITATION. SYMPTOMS MAY NOT APPEAR FOR UP TO SEVERAL HOURS. SKIN MAY BE REDDENED OR IRRITATED. NO LONG TERM EFFECTS HAVE BEEN REPORTED.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: PERSONS WITH CORNEAL DISEASE AND GLAUCOMA, OR CHRONIC RESPIRATORY DISEASE MAY BE AT INCREASED RISK BY EXPOSURE.

**EMERGENCY AND FIRST AID PROCEDURES:** **ORAL:** IF SWALLOWED, **DO NOT** INDUCE VOMITING. **CALL PHYSICIAN IMMEDIATELY!** **EYES:** IN CASE OF EYE CONTACT, FLUSH WITH WATER FOR 15 MINUTES AND GET PROMPT MEDICAL ATTENTION. **SKIN:** WASH IMMEDIATELY WITH SOAP AND RINSE WITH WATER. **DO NOT** USE SOLVENTS OR ALCOHOL TO REMOVE PRODUCT FROM SKIN. **INHALATION:** MOVE TO FRESH AIR. IF NOT BREATHING ADMINISTER CPR. IF BREATHING IS DIFFICULT, GET MEDICAL ATTENTION.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: KEEP SPECTATORS AWAY. VENTILATE AREA. STAY UPWIND. FLOOR MAY BE SLIPPERY; SPREAD ABSORBENT MATERIAL. PLACE IN CLOSED CONTAINERS AND DISPOSE OF AS HAZARDOUS WASTE.

WASTE DISPOSAL METHOD: INCINERATE OR LANDFILL; ALWAYS DISPOSE OF WASTE IN ACCORDANCE WITH EXISTING FEDERAL, STATE OR LOCAL ENVIRONMENTAL REGULATORY CONTROLS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL AREA, KEEP ALL CONTAINERS CLOSED WHEN NOT IN USE. AVOID FREEZING. CLEAN UP ANY SPILLS IMMEDIATELY.

OTHER PRECAUTIONS: AVOID MIXING IN ANY QUANTITY OF AIR. FOAM OR BUBBLES MAY RENDER THE MATERIAL UNFIT FOR USE. DO NOT LET CHILDREN USE THIS MATERIAL WITHOUT ADULT SUPERVISION.

**SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): WHEN EXPOSURE LIMITS ARE EXCEEDED, WEAR NIOSH AMMONIA APPROVED RESPIRATOR OR MASK SUPPLIED WITH EXTERNAL AIR.

VENTILATION: LOCAL EXHAUST: IF REQUIRED

MECHANICAL (GENERAL): AS NEEDED TO KEEP TLV BELOW LIMIT

PROTECTIVE GLOVES: RUBBER EYE PROTECTION: GLASSES OR GOGGLES WITH SPLASH GUARDS

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: AS NECESSARY TO PREVENT SKIN CONTACT

WORK/HYGIENIC PRACTICES: WASH HANDS BEFORE EATING, SMOKING, OR USING RESTROOM. CHANGE CLOTHES WET WITH LIQUID.

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