

ECO CorFlex

Molecular Industrial Polymers

SAFETY DATA SHEET

PRODUCT NAME: SL EPOXY II (PART A)

HMIS RATINGS: H F R

PRODUCT DESCRIPTION: 100% SOLIDS EPOXY CLEAR

2 0 1

SECTION I: COMPANY IDENTIFICATION

DISTRIBUTOR'S NAME:	ECO-CORFLEX INDUSTRIAL POLYMERS		
ADDRESS:	4350 S. 38 TH ST., SUITE #110, PHOENIX, AZ 85040		
EMERGENCY PHONE #:	1-800-255-3924	DATE REVISED:	MAR 16, 2023
INFORMATION PHONE #:	1-866-406-2628	NAME OF PREPARER:	TECH. DEPT.

SECTION II: HAZARDS IDENTIFICATION

GHS RATINGS:

SKIN CORROSIVE 3 - REVERSIBLE ADVERSE EFFECTS IN DERMAL TISSUE, DRAIZE SCORE: $\geq 1.5 < 2.3$

SKIN SENSITIZER 1 - SKIN SENSITIZER

CARCINOGEN 2 - LIMITED EVIDENCE OF HUMAN OR ANIMAL CARCINOGENICITY

REPRODUCTIVE TOXIN 1A - BASED ON HUMAN EVIDENCE

GHS HAZARDS

H316 CAUSES MILD SKIN IRRITATION

H317 MAY CAUSE AN ALLERGIC SKIN REACTION

H351 SUSPECTED OF CAUSING CANCER

H360 MAY DAMAGE FERTILITY OR THE UNBORN CHILD

GHS PRECAUTIONS

P201 OBTAIN SPECIAL INSTRUCTIONS BEFORE USE

P202 DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD

P261 AVOID BREATHING DUST/FUME/GAS/MIST/VAPOURS/SPRAY

P272 CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE

P280 WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION

P281 USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED

P321 SPECIFIC TREATMENT (SEE ... ON THIS LABEL)

P363 WASH CONTAMINATED CLOTHING BEFORE REUSE

P302+P352 IF ON SKIN: WASH WITH SOAP AND WATER

P308+P313 IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION

P332+P313 IF SKIN IRRITATION OCCURS: GET MEDICAL ADVICE/ATTENTION

P333+P313 IF SKIN IRRITATION OR A RASH OCCURS: GET MEDICAL ADVICE/ATTENTION

P405 STORE LOCKED UP

P501 DISPOSE OF CONTENTS/CONTAINER TO AUTHORISED HAZARDOUS OR SPECIAL WASTE COLLECTION POINT IN ACCORDANCE WITH ANY LOCAL REGULATION.

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SECTION II: HAZARDS IDENTIFICATION (CONT'D)

HAZARD PICTOGRAMS



SIGNAL WORD: DANGER

SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: MIXTURES

DESCRIPTION: MIXTURE OF THE SUBSTANCES LISTED BELOW WITH NONHAZARDOUS ADDITIONS.

HAZARDOUS INGREDIENTS	WT. %	CAS NUMBER
EPOXY RESIN	90.00% - 1-00.00%	25085-99-8
PROPRIETARY	1.00% - 5.00%	68609-97-2
ETHYLBENZENE	0.10% - 1.00%	100-41-4

SECTION IV: FIRST AID MEASURES

IF INHALED REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. OBTAIN MEDICAL ADVICE IF THERE ARE PERSISTENT SYMPTOMS.

RINSE IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. ENSURE ADEQUATE FLUSHING OF THE EYES BY SEPARATING THE EYELIDS WITH FINGERS. REMOVE CONTACTS IF PRESENT AND EASY TO DO. CONTINUE RINSING. GET MEDICAL ATTENTION, IF IRRITATION OR SYMPTOMS OF OVEREXPOSURE PERSISTS.

IMMEDIATELY WASH SKIN WITH SOAP AND PLENTY OF WATER.

IF SWALLOWED, CALL A PHYSICIAN IMMEDIATELY. ONLY INDUCE VOMITING AT THE INSTRUCTION OF A PHYSICIAN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION V: FIRE FIGHTING MEASURES

FLASH POINT: 252 C (486 F)

LEL: N/A UEL: N/A

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SECTION V: FIRE FIGHTING MEASURES (CONT'D)

FOAM, CARBON DIOXIDE (CO₂) OR DRY CHEMICAL OR WATER SPRAY (WATER STREAM MAY BE INEFFECTIVE).

FIREFIGHTERS AND OTHERS EXPOSED, WEAR SELF-CONTAINED BREATHING APPARATUS.

SECTION VI: ACCIDENTAL RELEASE MEASURES

STOP LEAK. DIKE OR CONTAIN SPILL. PUMP INTO SALVAGE TANKS AND/OR ABSORB WITH SUITABLE MATERIAL. USE SPARKLESS SHOVEL TO REMOVE MATERIAL. EVACUATE AREA AND KEEP UNNECESSARY AND UNPROTECTED PERSONNEL FROM ENTERING THE SPILL AREA.

USE APPROPRIATE CONTAINMENT AND CLEAN UP IMMEDIATELY.

STOP LEAK, DIKE AND CONTAIN SPILL. PREVENT SPILLED MATERIAL FROM ENTERING THE GROUND, WATER AND/OR AIR BY USING APPROPRIATE CONTAINMENT METHODS.

SECTION VII: HANDLING AND STORAGE

AVOID BREATHING VAPOR. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. KEEP AWAY FROM HEAT AND FLAME. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

AVOID EXPOSURE TO HEAT, LIGHT, AND AIR FOR PROLONGED PERIODS OF TIME. STORE IN A COOL, DRY WELL-VENTILATED AREA AWAY FROM SOURCES OF HEAT AND INCOMPATIBLE MATERIALS. ELIMINATE ALL IGNITION MATERIALS AND INCOMPATIBLE MATERIALS. COLLECT SPILL WITH NON-SPARK TOOLS.

SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Epoxy Resin 25085-99-8	Not Established	Not Established	Not Established
Proprietary 68609-97-2	Not Established	Not Established	Not Established
Ethylbenzene 100-41-4	100 ppm TWA; 435 mg/m ³ TWA	20 ppm TWA	NIOSH: 100 ppm TWA; 435 mg/m ³ TWA 125 ppm STEL; 545 mg/m ³ STEL

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SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION (CONT'D)

USE APPROPRIATE ENGINEERING CONTROL SUCH AS PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, OR OTHER ENGINEERING CONTROLS TO CONTROL AIRBORNE LEVELS BELOW RECOMMENDED EXPOSURE LIMITS. GOOD GENERAL VENTILATION SHOULD BE SUFFICIENT TO CONTROL AIRBORNE LEVELS. WHERE SUCH SYSTEMS ARE NOT EFFECTIVE WEAR SUITABLE PERSONAL PROTECTIVE EQUIPMENT, WHICH PREFORMS SATISFACTORY AND MEETS OSHA OR OTHER RECOGNIZED STANDARDS. CONSULT WITH LOCAL PROCEDURES FOR SELECTION, TRAINING, AND MAINTENANCE OF THE PERSONAL PROTECTIVE EQUIPMENT.

ALWAYS USE ADEQUATE VENTILATION THAT COMPLY WITH LOCAL REGULATIONS.

EYE/FACE PROTECTION: WEAR APPROPRIATE PROTECTIVE GLASSES OR SPLASH GOGGLES AS DESCRIBED BY 29 CFR 1910.133, OSHA EYE AND FACE PROTECTION REGULATION, OR THE EUROPEAN STANDARD EN 166.

SKIN PROTECTION: CHEMICAL-RESISTANT GLOVES AND CHEMICAL GOGGLES, FACE-SHIELD AND SYNTHETIC APRON OR COVERALLS SHOULD BE USED TO PREVENT CONTACT WITH EYES, SKIN OR CLOTHING.

RESPIRATORY PROTECTION: A NIOSH AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN OR ANY OTHER CIRCUMSTANCE WHERE AIR PURIFYING RESPIRATOR MAY NOT PROVIDE ADEQUATE PROTECTION.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity (SG) 1.138	Lbs VOC/Gallon Less Water 0.08
Lbs VOC/Gallon Less 0.08 Exempt	% VOL by Volume 0.08

SECTION X: STABILITY & REACTIVITY DATA

STABLE, HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

AVOID STRONG ACIDS, CAUSTICS, OXIDIZERS, AVOID UNCONTROLLED EXPOSURE TO EPOXY RESIN, AMINE.

NONE KNOWN, OTHER THAN SEC. #2 AND SEC #5

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SECTION XI: TOXICOLOGICAL INFORMATION

MIXTURE TOXICITY

NO DATA FOUND

COMPONENT TOXICITY

100-41-4: ETHYLBENZENE - ORAL LD50: 3,500 MG/KG (RAT) INHALATION LC50: 17 MG/L (RAT)

CAS NUMBER: 100-41-4; DESCRIPTION: ETHYLBENZENE; % WEIGHT: 0.1% - 1.0%;

CARCINOGEN RATING: ETHYLBENZENE: IARC: POSSIBLE

HUMAN CARCINOGEN

OSHA: LISTED

SECTION XII: ECOLOGICAL INFORMATION

NO ECOTOXICITY DATA WAS FOUND FOR THE PRODUCT.

COMPONENT ECOTOXICITY

ETHYLBENZENE 96 HR LC50 ONCORHYNCHUS MYKISS: 11.0 - 18.0 MG/L [STATIC]; 96 HR LC50 ONCORHYNCHUS MYKISS: 4.2 MG/L [SEMI-STATIC]; 96 HR LC50 PIMEPHALES

PROMELAS: 7.55 - 11 MG/L [FLOW-THROUGH]; 96 HR LC50 LEPOMIS MACROCHIRUS: 32 MG/L [STATIC]; 96 HR LC50 PIMEPHALES PROMELAS: 9.1 - 15.6 MG/L [STATIC]; 96 HR

LC50 POECILIA RETICULATA: 9.6 MG/L [STATIC]

48 HR EC50 DAPHNIA MAGNA: 1.8 - 2.4 MG/L

72 HR EC50 PSEUDOKIRCHNERIELLA SUBCAPITATA: 4.6 MG/L; 96 HR EC50

PSEUDOKIRCHNERIELLA SUBCAPITATA: >438 MG/L; 72 HR EC50 PSEUDOKIRCHNERIELLA

SUBCAPITATA: 2.6 - 11.3 MG/L [STATIC]; 96 HR EC50 PSEUDOKIRCHNERIELLA

SUBCAPITATA: 1.7 - 7.6 MG/L [STATIC]

SECTION XIII: DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL/MUNICIPAL, STATE/PROVINCIAL AND FEDERAL REGULATIONS.

SECTION XIV: TRANSPORT INFORMATION

UN3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID N.O.S. (EPOXY RESIN)

PACKAGING GROUP III

HAZARDOUS CLASS 9

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SECTION XV: REGULATORY INFORMATION

OSHA:29 CFR 1910.1200 HAZARDOUS CHEMICAL "IRRITANT", SENSITIZER

STATE OF CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986 (PROPOSITION 65): WARNING! THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS WHICH ARE LISTED BY THE STATE OF CALIFORNIA AS CARCINOGENIC OR A REPRODUCTIVE TOXIN:

100-41-4 ETHYLBENZENE 0.1 - 1.0% CARCINOGEN

THE FOLLOWING CHEMICALS ARE CLASSIFIED UNDER SARA 313 TOXIC RELEASE INVENTORY (TRI):

100-41-4 ETHYLBENZENE 0.1 - 1.0%

SECTION XVI: OTHER INFORMATION

NONE.

DISCLAIMER

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