

ECO CorFlex

Molecular Industrial Polymers

SAFETY DATA SHEET

PRODUCT NAME: SL EPOXY II (PART B ACTIVATOR)

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

GHS HAZARDS

H316 CAUSES MILD SKIN IRRITATION

H317 MAY CAUSE AN ALLERGIC SKIN REACTION

H351 SUSPECTED OF CAUSING CANCER

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 IN ACCORDANCE WITH LOCAL/REGIONAL/NATIONAL/INTERNATIONAL REGULATIONS.

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SECTION II: HAZARDS IDENTIFICATION (CONT'D)

HAZARD PICTOGRAMS



SIGNAL WORD: WARNING

SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	WT. CONC. %	CAS NUMBER
EPOXY RESIN	70.00% - 80.00%	25085-99-8
TITANIUM DIOXIDE	10.00% - 20.00%	13463-67-7
PROPRIETARY	5.00% - 10.00%	68609-97-2

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

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

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

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SECTION VI: ACCIDENTAL RELEASE MEASURES

STOP LEAK. DIKE OR CONTAIN SPILL. PUMP INTO SLAVAGE 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.

CORROSIVE. AVOID PERSONAL CONTACT AND BREATHING VAPOR OR MIST. 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
Benzyl Alcohol 100-51-6	Not Established	Not Established	Not Established
Proprietary PROPRIETARY	Not Established	Not Established	Not Established
Amine 1477-55-0	Not Established	0.1 mg/m ³ Ceiling	NIOSH: 0.1 mg/m ³ Ceiling

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 PERFORMS 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.

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

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

Boiling Range 205 to 247 °C	Specific Gravity (SG) 1.045
Lbs VOC/Gallon Less Water 0.00	Lbs VOC/Gallon Less 0.00 Exempt
% VOL by Volume 0.00	

SECTION X: STABILITY & REACTIVITY DATA

STABLE, HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

WILL REACT WITH EPOXY RESINS ESPECIALLY AT ELEVATED TEMPERATURES.

EPOXY RESINS UNDER UNCONTROLLED CONDITIONS. MINERAL ACIDS. ORGANIC ACID, OXIDIZERS, REACTS WITH METALS UNTIL REACTED WITH EPOXY.

SECTION XI: TOXICOLOGICAL INFORMATION

MIXTURE TOXICITY

ORAL TOXICITY LD50: 3,792MG/KG

INHALATION TOXICITY LC50: 39MG/L

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SECTION XI: TOXICOLOGICAL INFORMATION (CONT'D)

COMPONENT TOXICITY

100-51-6 BENZYL ALCOHOL - ORAL LD50: 1,230 MG/KG (RAT) DERMAL LD50: 2 G/KG (RABBIT)
INHALATION LC50: 9 MG/L (RAT)

1477-55-0 AMINE - ORAL LD50: 660 MG/KG (RAT) DERMAL LD50: 2 G/KG (RABBIT)
INHALATION LC50: 700 PPM (RAT)

EYES: IRRITANT TO THE EYES. CORROSIVE TO EYES

SKIN: IRRITANT TO THE SKIN. CORROSIVE TO SKIN

INHALATION: IRRITANT TO RESPIRATORY TRACT. PROLONGED OR EXCESSIVE INHALATION
MAY CAUSE RESPIRATORY TRACT IRRITATION.

SENSITIZATION: SKIN SENSITIZATION IN HUMANS.

AVOID BREATHING VAPORS

SECTION XII: ECOLOGICAL INFORMATION

NO ECOTOXICITY DATA WAS FOUND FOR THE PRODUCT.

COMPONENT ECOTOXICITY

BENZYL ALCOHOL - 96 HR LC50 PIMEPHALES PROMELAS: 460 MG/L [STATIC]; 96 HR LC50
LEPOMIS MACROCHIRUS: 10 MG/L [STATIC]; 48 HR EC50 WATER FLEA: 23 MG/L.

SECTION XIII: DISPOSAL CONSIDERATIONS

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

SECTION XIV: TRANSPORT INFORMATION

UN PROPER SHIPPING NAME: AMINES, LIQUID, CORROSIVE, N.O.S.

TRANSPORTATION HAZARDOUS SHIPPING CLASS: 8

UN NUMBER: UN2735

PACKING GROUP: II

HAZARDOUS LABEL: 8 CORROSIVE SUBSTANCE

ENVIRONMENTAL HAZARDS-MARINE POLLUTANT: YES

SECTION XV: REGULATORY INFORMATION

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

TSCA: INGREDIENTS LISTED

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SECTION XV: REGULATORY INFORMATION (CONT'D)

SARA III: SEC311 & 312 IMMEDIATE HEALTH HAZARD; SEC313 CHEMICALS ABOVE DE MINIMUS LEVEL:
NONE

CA PROP. 65 NOTICE WARNING **CANADIAN REGULATORY INFORMATION**

WHMIS; HAZARD CLASSIFICATION: D2B SKIN SENSITIZER. REFER TO SDS FOR SPECIFIC WARNINGS

WHMIS SYMBOLS: STYLIZED T.

WHMIS TRADE SECRET REGISTRY NUMBERS: NONE

HAZARDOUS PRODUCTS ACT INFORMATION: THIS PRODUCT SDS CONTAINS INGREDIENTS WHICH ARE CONTROLLED AND/OR ON THE INGREDIENT DISCLOSURE LIST (HPA SECTIONS 13 AND 14).

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:

100-51-6 BENZYL ALCOHOL 20 - 30%

SECTION XVI: OTHER INFORMATION

NONE.

DISCLAIMER

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