

ECO CorFlex

Molecular Industrial Polymers

SAFETY DATA SHEET

PRODUCT NAME: 100% SOLIDS MME (PART B)

HMIS RATINGS: H F PH

PRODUCT DESCRIPTION: EPOXY PRIMER (ACTIVATOR)

3 1 0

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:

ORAL TOXICITY 4 - ORAL>300+<=2000MG/KG

SKIN CORROSIVE 1B - DESTRUCTION OF DERMAL TISSUE: EXPOSURE < 1 HOUR OBSERVATION < 14 DAYS, VISIBLE NECROSIS IN AT LEAST ONE ANIMAL

EYE CORROSIVE 1 - SERIOUS EYE DAMAGE: IRREVERSIBLE DAMAGE 21 DAYS AFTER EXPOSURE, DRAIZE SCORE: CORNEAL OPACITY >= 3, IRITIS > 1.5

SKIN SENSITIZER 1 - SKIN SENSITIZER

REPRODUCTIVE TOXIN 2 - HUMAN OR ANIMAL EVIDENCE POSSIBLY WITH OTHER INFORMATION

GHS HAZARDS

H302 HARMFUL IF SWALLOWED

H314 CAUSES SEVERE SKIN BURNS AND EYE DAMAGE

H317 MAY CAUSE AN ALLERGIC SKIN REACTION

H318 CAUSES SERIOUS EYE DAMAGE

H361 SUSPECTED OF DAMAGING 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

P260 DO NOT BREATHE DUST/FUME/GAS/MIST/VAPOURS/SPRAY

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

P264 WASH ... THOROUGHLY AFTER HANDLING

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

P310 IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN

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

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SECTION II: HAZARDS IDENTIFICATION (CON'T)

P363 WASH CONTAMINATED CLOTHING BEFORE REUSE

P301+P330+P331 IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING

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

P303+P361+P353 IF ON SKIN (OR HAIR): REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER

P304+P340 IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING

P305+P351+P338 IF IN EYES: RINSE CONTINUOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES IF PRESENT AND EASY TO DO – CONTINUE RINSING

P308+P313 IF EXPOSED OR CONCERNED: 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.

HAZARD PICTOGRAMS



SIGNAL WORD: DANGER

SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Weight Concentration %
Paratertiarybutylphenol	98-54-4	30.00% - 40.00%
Amine	1477-55-0	20.00% - 30.00%
1,5-Pentanediamine, 2 methyl	15520-10-2	20.00% - 30.00%
Silica	67762-90-7	5.00% - 10.00%
nonyl phenol	84852-15-3	1.00% - 5.00%

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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: 134 C (273 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.

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.

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.

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SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

SECTION 8. EXPOSURE CONTROLS, PERSONAL PROTECTION			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Paratertiarybutylphenol 98-54-4	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
1,5-Pentanediamine, 2 methyl 15520-10-2	Not Established	Not Established	Not Established
Silica 67762-90-7	Not Established	Not Established	Not Established
nonyl phenol 84852-15-3	Not Established	Not Established	Not Established

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 RECGONIZED STANDARDS. CONSULT WITH LOCAL PROCEDURES FOR SELECTION, TRAINING, AND MAINTENANCE OF THE PERSONAL PROTECTIVE EQUIPMENT.

ALWAYS USE ADAQUATE 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 REULATION, OR THE EUROPENA 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 PRESURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN OR ANY OTHER CIRCUMSTANCE WHERE AIR PURIFYIG RESPIRATOR MAY NOT PROVIDE ADEQUATE PROTECTION.

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SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point 247 °C	Specific Gravity (SG) 0.950
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: 1,829MG/KG

DERMAL TOXICITY LD50: 3,104MG/KG

INHALATION TOXICITY LC50: 2,800MG/L

COMPONENT TOXICITY

98-54-4 PARATERTIARYBUTYLPHENOL

ORAL LD50: 3,250 ML/KG (RAT) DERMAL LD50: 2,318 MG/KG (RABBIT)

1477-55-0 AMINE

ORAL LD50: 660 MG/KG (RAT) DERMAL LD50: 2 G/KG (RABBIT) INHALATION LC50: 700 PPM (RAT)

84852-15-3 NONYL PHENOL

ORAL LD50: 1,300 MG/KG (RAT) DERMAL LD50: 2,031 MG/KG (RABBIT)

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

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SECTION XII: ECOLOGICAL INFORMATION

COMPONENT ECOTOXICITY

PARATERTIARYBUTYLPHENOL

96 HR LC50 PIMEPHALES PROMELAS: 4.71 - 5.62 MG/L [FLOW-THROUGH]; 96 HR LC50

CYPRINUS CARPIO: 6.9 MG/L [STATIC]

48 HR EC50 DAPHNIA MAGNA: 3.9 MG/L; 48 HR EC50 DAPHNIA MAGNA: 3.4 - 4.5
MG/L [STATIC]

72 HR EC50 DESMODESMUS SUBSPICATUS: 11.2 MG/L

NONYL PHENOL

96 HR LC50 PIMEPHALES PROMELAS: 0.135 MG/L [FLOW-THROUGH]; 96 HR LC50

LEPOMIS MACROCHIRUS: 0.1351 MG/L [FLOW-THROUGH]

48 HR EC50 DAPHNIA MAGNA: 0.14 MG/L

96 HR EC50 PSEUDOKIRCHNERIELLA SUBCAPITATA: 0.36 - 0.48 MG/L [STATIC]; 72 HR

EC50 PSEUDOKIRCHNERIELLA SUBCAPITATA: 0.16 - 0.72 MG/L [STATIC]; 72 HR EC50

DESMODESMUS SUBSPICATUS: 1.3 MG/L

SECTION XIII: DISPOSAL CONSIDERATIONS

DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL/MUNICIPAL, STATE/PROVINCIAL 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

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

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SECTION XV: REGULATORY INFORMATION (CONT'D)

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).

THE FOLLOWING CHEMICALS ARE CLASSIFIED UNDER SARA 313 TOXIC RELEASE INVENTORY (TRI):
84852-15-3 NONYL PHENOL 1 - 5%

SECTION XVI: OTHER INFORMATION

NONE.

DISCLAIMER

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