

ECO CorFlex

Molecular Industrial Polymers

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ZYCRETE PMC (PART A)

HMIS RATINGS: H F R

PRODUCT DESCRIPTION: POLYMER CONCRETE (PART A)

1 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

OSHA / HCS STATUS: THIS MATERIAL IS NOT CONSIDERED HAZARDOUS BY THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE: NOT CLASSIFIED AS HAZARDOUS.

PERCENTAGE OF MIXTURE CONSISTING OF INGREDIENTS OF UNKNOWN TOXICITY: 68%

HAZARD PICTOGRAMS: NOT APPLICABLE

SIGNAL WORD: NOT APPLICABLE

HAZARDOUS STATEMENTS: THIS PRODUCT IS NOT CONSIDERED A HAZARD

GENERAL PRECAUTIONARY STATEMENTS:

PREVENTION: NOT APPLICABLE

RESPONSE: NOT APPLICABLE

STORAGE: NOT APPLICABLE

DISPOSAL: NOT APPLICABLE

SUPPLEMENTAL LABEL ELEMENTS: NONE ESTABLISHED

HAZARDS NOT OTHERWISE CLASSIFIED: KEEP OUT OF REACH OF CHILDREN.

SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

SUBSTANCE / MIXTURE: MIXTURE

OTHER MEANS OF IDENTIFICATION (COMPOSITION): NOT AVAILABLE

HAZARDOUS INGREDIENT

CAS #

% BY WEIGHT

*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

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SECTION IV: FIRST AID MEASURES

EYE CONTACT: ANY MATERIAL THAT CONTACTS THE EYE SHOULD BE WASHED OUT IMMEDIATELY WITH WATER. IF EASY TO DO, REMOVE CONTACT LENSES. GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.

INHALATION: MOVE PERSON TO FRESH AIR. GET MEDICAL ATTENTION IF SYMPTOMS DEVELOP.

SKIN CONTACT: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INGESTION: IN CASE OF INGESTION, RINSE MOUTH. DO NOT INDUCE VOMITING UNLESS DIRECTED TO BY MEDICAL PERSONNEL.

POTENTIAL HEALTH EFFECTS: NONE KNOWN.

OVER-EXPOSURE SIGNS / SYMPTOMS: NO INFORMATION AVAILABLE.

NOTE TO PHYSICIAN: TREAT SYMPTOMATICALLY.

SECTION V: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER, DRY CHEMICAL, CO₂, OR FOAM

UNSUITABLE EXTINGUISHING MEDIA: NONE KNOWN.

HAZARDOUS COMBUSTION PRODUCTS: CARBON OXIDES

OTHER CONSIDERATIONS: NONE KNOWN

FIRE FIGHTING PROCEDURES: NO SPECIAL FIRE FIGHTING PROCEDURES DETERMINED.

FIRE FIGHTING EQUIPMENT: WEAR FULL PROTECTIVE GEAR AND SCBA.

SECTION VI: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTION: WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT.

ENVIRONMENTAL PRECAUTIONS: AVOID RELEASE TO THE ENVIRONMENT.

METHODS FOR CONTAINMENT & CLEAN-UP: ABSORB SPILL W/ SAND, EARTH. CLEAN WITH DETERGENT.

SECTION VII: HANDLING AND STORAGE

PROTECTIVE MEASURES FOR HANDLING: KEEP AWAY FROM SOURCES OF IGNITION.

ADVICE ON GENERAL OCCUPATIONAL HYGIENE: WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. WASH HANDS AFTER HANDLING PAINT/COATING AND BEFORE EATING, DRINKING OR SMOKING. READ AND UNDERSTAND ENTIRE SDS BEFORE HANDLING PRODUCT.

CONDITIONS FOR SAFE STORAGE (INCLUDING ANY INCOMPATIBILITIES): KEEP CONTAINERS CLOSED AND IN DRY AREA AWAY FROM HEAT AND LIGHT.

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SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

AIRBORNE EXPOSURE LIMITS:

*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

ENGINEERING CONTROLS: USE WITH ADEQUATE VENTILATION.

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: NOT REQUIRED.

SKIN & BODY PROTECTION: IMPERVIOUS CHEMICAL RESISTANT GLOVES. LONG SLEEVED CLOTHING OR PROTECTIVE SLEEVES. REMOVE AND WASH CONTAMINATED CLOTHING BEFORE RE-USE.

EYE & FACE PROTECTION: SPLASH PROOF SAFETY GLASSES

WORK HYGIENIC PRACTICES: WASH HANDS, FOREARMS AND FACE THOROUGHLY AFTER HANDLING CHEMICAL PRODUCTS, BEFORE EATING AND DRINKING, SMOKING OR USING THE LAVATORY AND AT THE END OF THE WORKING PERIOD. CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED WORN OUT OF THE WORKPLACE. WASH CONTAMINATED CLOTHING BEFORE REUSING. ENSURE THAT EYEWASH STATIONS AND SAFETY SHOWERS ARE CLOSE TO THE WORKSTATION LOCATION.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

APPEARANCE: LIQUID

COLOR: VARIOUS COLORS

ODOR: LIKE VEGETABLE OIL

ODOR THRESHOLD: NOT AVAILABLE

PH: 7.0 - 7.2

MELTING POINT: NOT AVAILABLE

FREEZING POINT: NOT AVAILABLE

INITIAL BOILING POINT: NOT AVAILABLE

FLASH POINT: >212°F

EVAPORATION RATE: NOT AVAILABLE

EXPLOSION LIMITS:

LOWER & UPPER EXPLOSIVE LIMIT: NOT AVAILABLE

VAPOR PRESSURE: NOT AVAILABLE

VAPOR DENSITY (AIR = 1): NOT AVAILABLE

SPECIFIC GRAVITY (G/CC): 1.

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SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE:

DENSITY (LB/GAL): 8.34 LB/GL

SOLUBILITY IN WATER: NEGLIGIBLE

PARTITION COEFFICIENT (N-OCTANOL / WATER): NOT AVAILABLE

VISCOSITY: 59 - 61 KREBS UNIT

AUTO-IGNITION TEMPERATURE: NOT AVAILABLE

DECOMPOSITION TEMPERATURE: NOT AVAILABLE

ACTUAL V.O.C.: 0.048 LB/GL; **(METRIC):** 6 G/L

REGULATORY V.O.C.: 0.068 LB/GL; **(METRIC):** 8 G/L

OTHER PHYSICAL PROPERTIES: NOT AVAILABLE

SECTION X: STABILITY & REACTIVITY DATA

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS

POSSIBLE HAZARDOUS REACTIONS: HAZARDOUS REACTIONS WILL NOT OCCUR.

CONDITIONS TO AVOID: SOURCES OF IGNITION.

INCOMPATIBLE MATERIALS: STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION: CARBON OXIDES

SECTION XI: TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY: THE ACUTE EFFECTS OF THIS PRODUCT AS A WHOLE HAVE NOT BEEN TESTED. NO DATA IS AVAILABLE.

CARCINOGENICITY: NO SUSPECTED CARCINOGENS PRESENT AT >0.1%

OSHA: NO COMPONENT OF THIS PRODUCT PRESENT AT LEVEL GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY OSHA.

IARC: NO COMPONENT OF THIS PRODUCT PRESENT AT LEVEL GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY IARC.

NTP: NO COMPONENT OF THIS PRODUCT PRESENT AT LEVEL GREATER THAN OR EQUAL TO 0.1% IS IDENTIFIED AS A CARCINOGEN OR POTENTIAL CARCINOGEN BY NTP.

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SECTION XI: TOXICOLOGICAL INFORMATION (CONT'D)

EFFECTS OF ACUTE EXPOSURE FROM EYE CONTACT: THIS PRODUCT HAS NOT BEEN TESTED.

EFFECTS OF ACUTE EXPOSURE FROM SKIN CONTACT: THIS PRODUCT HAS NOT BEEN TESTED.

EFFECTS OF ACUTE EXPOSURE FROM INGESTION: THIS PRODUCT HAS NOT BEEN TESTED.

EFFECTS OF ACUTE EXPOSURE FROM INHALATION: THIS PRODUCT HAS NOT BEEN TESTED.

EFFECTS OF CHRONIC EXPOSURE: THIS PRODUCT HAS NOT BEEN TESTED.

PRIMARY ROUTE(S) OF ENTRY: EYE CONTACT, SKIN CONTACT, INGESTION, INHALATION

SECTION XII: ECOLOGICAL INFORMATION

ENVIRONMENTAL TOXICITY: ECOLOGICAL EVALUATION OF THIS MATERIAL HAS NOT BEEN PERFORMED; HOWEVER, DO NOT ALLOW THE PRODUCT TO BE RELEASED TO THE ENVIRONMENT WITHOUT GOVERNMENTAL APPROVAL/PERMITS. DISCHARGE INTO THE ENVIRONMENT MUST BE AVOIDED.

SECTION XIII: DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: THE GENERATION OF WASTE SHOULD BE AVOIDED OR MINIMIZED WHENEVER POSSIBLE. DISPOSAL OF THIS PRODUCT SHOULD ALWAYS COMPLY WITH THE REQUIREMENTS OF ENVIRONMENTAL PROTECTION AND WASTE DISPOSAL LEGISLATION AND ANY REGIONAL LOCAL AUTHORITY REQUIREMENTS. DISPOSE OF SURPLUS AND NON-RECYCLABLE PRODUCTS VIA A LICENSED WASTE DISPOSAL CONTRACTOR. THE MATERIAL AND ITS CONTAINER MUST BE DISPOSED OF IN A SAFE WAY. CARE SHOULD BE TAKEN WHEN HANDLING EMPTIED CONTAINERS THAT HAVE NOT BEEN CLEANED OR RINSED OUT. EMPTY CONTAINERS MAY RETAIN SOME PRODUCT RESIDUES. AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF AND CONTACT WITH SOIL, WATERWAYS, DRAINS, AND SEWERS.

SECTION XIV: TRANSPORT INFORMATION

TRANSPORTATION INFORMATION DISCLAIMER: DETERMINATION OF PROPER SHIPPING IDENTIFICATION IS DEPENDENT UPON THE FORM, QUANTITY AND PACKAGING. THE PERSON OFFERING A HAZARDOUS MATERIAL FOR TRANSPORT HAS THE SOLE RESPONSIBILITY TO PROPERLY PREPARE THE SHIPPING PAPER AND PACKAGING FOR TRANSPORT. PEOPLE LOADING AND UNLOADING MUST BE TRAINED ON ALL OF THE RISKS DERIVING FROM HANDLING THIS PRODUCT.

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SECTION XV: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS :

CLEAN AIR ACT SECTION 112(B) HAZARDOUS AIR POLLUTANTS (HAP'S): NO COMPONENTS PRESENT AT LEVELS HIGHER THEN 1% LISTED ON HAPS LIST OF CHEMICALS.

CERCLA: SARA HAZARD CATEGORY: THIS PRODUCT HAS BEEN REVIEWED ACCORDING TO THE EPA "HAZARD CATEGORIES" PROMULGATED UNDER SECTION 311 AND 312 OF THE SUPERFUND AMENDMENT AND REAUTHORIZATION ACT OF 1986 (SARA TITLE III) AND IS CONSIDERED, UNDER APPLICABLE DEFINITIONS, TO MEET THE NONE OF THE CATEGORIES.

EPA SECTION 313: THIS MATERIAL DOES NOT CONTAIN ANY CHEMICAL COMPONENT WITH KNOWN CAS NUMBERS THAT EXCEED THE THRESHOLD (DE MIMIS) REPORTING LEVELS ESTABLISHED BY SARA TITLE III, SECTION 313.

US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: THIS PRODUCT DOES NOT CONTAIN A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

SECTION XVI: OTHER INFORMATION

ABBREVIATIONS & ACRONYMS:

ACA - AMERICAN COATINGS ASSOCIATION

ACGIH - AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

ATE - ACUTE TOXICITY ESTIMATE

BCF - BIOCONCENTRATION FACTOR

CAS - CHEMICAL ABSTRACTS SERVICE (DIVISION OF THE AMERICAN CHEMICAL SOCIETY)

CLP - REGULATION (EC) NO 1272/2008 ON CLASSIFICATION, LABELING AND PACKAGING OF SUBSTANCES AND MIXTURES

DOT - US DEPARTMENT OF TRANSPORTATION

EC - EUROPEAN COMMUNITY

EEC - EUROPEAN ECONOMIC COMMUNITY

EINECS- EUROPEAN INVENTORY OF EXISTING COMMERCIAL CHEMICAL SUBSTANCES

EN - EUROPEAN STANDARD

EPA - ENVIRONMENTAL PROTECTION AGENCY (USA)

EU - EUROPEAN UNION

GHS - GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELING OF CHEMICALS

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SECTION XVI: OTHER INFORMATION (CONT'D)

HMIS - HAZARDOUS MATERIALS IDENTIFICATION SYSTEM (USA)
HSDB - HAZARDOUS SUBSTANCES DATA BANK
IARC - INTERNATIONAL ASSOCIATION OF RADIO CARDIOLOGISTS
IATA - INTERNATIONAL AIR TRANSPORT ASSOCIATION
IBC - INTERMEDIATE BULK CONTAINER
ICAO - INTERNATIONAL CIVIL AVIATION ORGANIZATION
IMDG - INTERNATIONAL MARITIME CODE FOR DANGEROUS GOODS
LC - LETHAL CONCENTRATION ; LD - LETHAL DOSE
LOLI - LIST OF LISTS
NA - NOT APPLICABLE
ND - NO DATA OR INFORMATION AVAILABLE
NE - NOT ESTABLISHED
NFPA - NATIONAL FIRE PROTECTION ASSOCIATION (USA)
NTP - NATIONAL TOXICOLOGY PROGRAM (USA)
OECD - ORGANIZATION FOR ECONOMIC CO-OPERATION AND DEVELOPMENT
OEL - OCCUPATIONAL EXPOSURE LIMITS
OSHA - OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION (USA)
RID - REGULATIONS CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY RAIL
RTECS - REGISTRY OF TOXIC EFFECTS OF CHEMICAL SUBSTANCES
RTK - RIGHT-TO-KNOW LAWS

DISCLAIMER

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