

# 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

<b>DISTRIBUTOR'S NAME:</b>	ECO-CORFLEX INDUSTRIAL POLYMERS		
<b>ADDRESS:</b>	3801 E. ROESER ROAD, SUITE #1, PHOENIX, AZ 85040		
<b>EMERGENCY PHONE #:</b>	1-800-255-3924	<b>DATE REVISED:</b>	JAN 18, 2019
<b>INFORMATION PHONE #:</b>	1-866-406-2628	<b>NAME OF PREPARER:</b>	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 \*\*\*

# 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 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, CO<sub>2</sub>, 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.

# 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 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.

# 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 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.

# 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 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.

# 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 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

# 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 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

THE INFORMATION PROVIDED HEREIN WAS BELIEVED BY GFCFS TO BE ACCURATE AT THE TIME OF PREPARATION FROM SOURCES BELIEVED TO BE RELIABLE, BUT IT IS THE RESPONSIBILITY OF THE USER TO INVESTIGATE AND UNDERSTAND OTHER PERTINENT SOURCES OF INFORMATION, TO COMPLY WITH ALL LAWS AND PROCEDURES APPLICABLE TO THE SAFE HANDLING AND USE OF THE PRODUCT AND TO DETERMINE THE SUITABILITY OF THE PRODUCT FOR IT'S INTENDED USE. ALL PRODUCTS DISTRIBUTED BY GFCFS ARE SUBJECT TO GFCFS'S TERMS AND CONDITIONS OF SALE. GFCFS MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY GFCFS, EXCEPT THAT THE PRODUCT SHALL CONFORM TO SPECIFICATIONS. NOTHING CONTAINED HEREIN CONSTITUTES AN OFFER FOR THE SALE OF ANY PRODUCT.