

# ECO CorFlex

## Molecular Industrial Polymers

### SAFETY DATA SHEET

**PRODUCT NAME:** RYCON

**HMIS RATINGS:** H F PH

**PRODUCT DESCRIPTION:** RUBBER MEMBRANE

1 0 0

#### SECTION I: COMPANY IDENTIFICATION

<b>DISTRIBUTOR'S NAME:</b>	ECO-CORFLEX INDUSTRIAL POLYMERS		
<b>ADDRESS:</b>	4350 S. 38 <sup>TH</sup> ST., SUITE #110, PHOENIX, AZ 85040		
<b>EMERGENCY PHONE #:</b>	1-800-255-3924	<b>DATE REVISED:</b>	MAR 17, 2023
<b>INFORMATION PHONE #:</b>	1-866-406-2628	<b>NAME OF PREPARER:</b>	TECH. DEPT.

#### SECTION II: HAZARDS IDENTIFICATION

**CLASSIFICATION:** THIS CHEMICAL IS NOT CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

**GHS LABEL ELEMENTS, INCLUDING PRECAUTIONARY STATEMENTS:** THE PRODUCT CONTAINS NO SUBSTANCES WHICH AT THEIR GIVEN CONCENTRATION, ARE CONSIDERED TO BE HAZARDOUS TO HEALTH. (APPEARANCE: OPAQUE GRAY; PHYSICAL STATE: VISCOUS LIQUID; ODOR: LOW)

**PRECAUTIONARY STATEMENTS – PREVENTION:** OBTAIN SPECIAL INSTRUCTIONS BEFORE USE

**PRECAUTIONARY STATEMENTS – RESPONSE:** NONE

**PRECAUTIONARY STATEMENTS – STORAGE:** NONE

**PRECAUTIONARY STATEMENTS – DISPOSAL:** NONE

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC):** NOT APPLICABLE

**UNKNOWN TOXICITY:** 79% OF THE MIXTURE CONSISTS OF INGREDIENT(S) OF UNKNOWN TOXICITY

**OTHER INFORMATION:** MAY CAUSE SLIGHT EYE IRRITATION

**INTERACTIONS WITH OTHER CHEMICALS:** NO INFORMATION AVAILABLE.

#### SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

COMPONENT	CAS #	% BY WEIGHT
2-PROPANOL, 1-(2-BUTOXY-1-METHYLETHOXY)- *	29911-28-2	1 – 5%
SUPPLIER TRADE SECRET *	PROPRIETARY	7 – 13%

\*THE EXACT PERCENTAGE (CONCENTRATION) OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET

#### SECTION IV: FIRST AID MEASURES

##### FIRST AID MEASURES

**EYE CONTACT:** RINSE THOROUGHLY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS. IF SYMPTOMS PERSIST, CALL A PHYSICIAN.

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#### SECTION IV: FIRST AID MEASURES (CONT'D)

**SKIN CONTACT:** WASH WITH SOAP AND WATER.

**INHALATION:** REMOVE TO FRESH AIR.

**INGESTION:** RINSE MOUTH IMMEDIATELY AND DRINK PLENTY OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

**MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**MOST IMPORTANT SYMPTOMS AND EFFECTS:** NO INFORMATION AVAILABLE.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

**NOTES TO PHYSICIAN:** TREAT SYMPTOMATICALLY

#### SECTION V: FIRE FIGHTING MEASURES

**SUITABLE EXTINGUISHING MEDIA:** USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.

**UNSUITABLE EXTINGUISHING MEDIA:** CAUTION - USE OF WATER SPRAY WHEN FIGHTING FIRE MAY BE INEFFICIENT.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:** NO INFORMATION AVAILABLE.

**HAZARDOUS COMBUSTION PRODUCTS:** CARBON OXIDES.

**EXPLOSION DATA - SENSITIVITY TO MECHANICAL IMPACT:** NO.

**SENSITIVITY TO STATIC DISCHARGE:** NO

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:** AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

#### SECTION VI: ACCIDENTAL RELEASE MEASURES

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**PERSONAL PRECAUTIONS:** AVOID CONTACT WITH EYES.

**ENVIRONMENTAL PRECAUTIONS**

**ENVIRONMENTAL PRECAUTIONS:** REFER TO PROTECTIVE MEASURES LISTED IN SECTIONS 7 AND 8.

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

**METHODS FOR CONTAINMENT:** PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO.

**METHODS FOR CLEANING UP:** PICK UP AND TRANSFER TO PROPERLY LABELED CONTAINERS. SOAK UP WITH INERT ABSORBENT MATERIAL.

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#### SECTION VII: HANDLING AND STORAGE

##### PRECAUTIONS FOR SAFE HANDLING

**HANDLING:** HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

##### CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

**STORAGE:** KEEP CONTAINER TIGHTLY CLOSED.

**INCOMPATIBLE PRODUCTS:** NONE KNOWN BASED ON INFORMATION SUPPLIED.

#### SECTION VIII: EXPOSURE CONTROLS / PERSONAL PROTECTION

##### CONTROL PARAMETERS

##### CHEMICAL NAME

##### SUPPLIER TRADE SECRET

- ACGIH TLV – NOT AVAILABLE
- OSHA PEL - TWA: 20 MPPCF (80)/(% SiO<sub>2</sub>) MG/M<sup>3</sup> TWA
- NIOSH IDLH - IDLH: 3000 MG/M<sup>3</sup>; TWA: 6 MG/M<sup>3</sup>

##### SUPPLIER TRADE SECRET

- ACGIH TLV – TWA: 0.025 MG/M<sup>3</sup> RESPIRABLE FRACTION
- OSHA PEL - TWA: 0.1 MG/M<sup>3</sup> (VACATED)
- NIOSH IDLH - IDLH: 50 MG/M<sup>3</sup> RESPIRABLE DUST; TWA: 0.05 MG/M<sup>3</sup> RESPIRABLE DUST

(ACGIH TLV: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS - THRESHOLD LIMIT VALUE; OSHA PEL: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION - PERMISSIBLE EXPOSURE LIMITS; NIOSH IDLH: IMMEDIATELY DANGEROUS TO LIFE OR HEALTH)

**APPROPRIATE ENGINEERING CONTROLS:** SHOWERS, EYEWASH STATIONS, VENTILATIONS SYSTEMS

##### INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT

**EYE/FACE PROTECTION:** NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

**SKIN AND BODY PROTECTION:** NO SPECIAL PROTECTIVE EQUIPMENT REQUIRED.

**RESPIRATORY PROTECTION:** NO PROTECTIVE EQUIPMENT IS NEEDED UNDER NORMAL USE CONDITIONS. IF EXPOSURE LIMITS ARE EXCEEDED OR IRRITATION IS EXPERIENCED, VENTILATION AND EVACUATION MAY BE REQUIRED.

**HYGIENE MEASURES:** HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE.

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#### SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** VISCOUS LIQUID

**APPEARANCE:** OPAQUE

**COLOR:** GRAY

**ODOR:** LOW

**ODOR THRESHOLD:** NO INFORMATION AVAILABLE

**pH:** 8

**MELTING/FREEZING POINT:** NO DATA AVAILABLE

**BOILING POINT/BOILING RANGE:** NO DATA AVAILABLE

**FLASH POINT:** NO DATA AVAILABLE

**EVAPORATION RATE:** NO DATA AVAILABLE

**FLAMMABILITY LIMIT (IN AIR):** NO DATA AVAILABLE

**VAPOR PRESSURE:** NO DATA AVAILABLE

**VAPOR DENSITY (AIR = 1):** NO DATA AVAILABLE

**SPECIFIC GRAVITY (g/cc):** 1.27

**WATER SOLUBILITY:** MISCIBLE IN WATER

**SOLUBILITY IN OTHER SOLVENTS:** NO DATA AVAILABLE

**PARTITION COEFFICIENT (N-OCTANOL/WATER):** NO DATA AVAILABLE

**AUTOIGNITION TEMPERATURE:** NO DATA AVAILABLE

**DECOMPOSITION TEMPERATURE:** NO DATA AVAILABLE

**KINEMATIC VISCOSITY:** NO DATA AVAILABLE

**DYNAMIC VISCOSITY:** NO DATA AVAILABLE

**EXPLOSIVE PROPERTIES:** NO DATA AVAILABLE

**OXIDIZING PROPERTIES:** NO DATA AVAILABLE

#### OTHER INFORMATION

**SOFTENING POINT:** NO DATA

**AVAILABLE VOC CONTENT (%):** NO DATA AVAILABLE

**PARTICLE SIZE:** NO DATA AVAILABLE

**PARTICLE SIZE DISTRIBUTION:** NO DATA AVAILABLE

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#### SECTION X: STABILITY & REACTIVITY DATA

**REACTIVITY:** NO DATA AVAILABLE.

**CHEMICAL STABILITY:** STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

**POSSIBILITY OF HAZARDOUS REACTIONS:** NONE UNDER NORMAL PROCESSING.

**HAZARDOUS POLYMERIZATION:** HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

**CONDITIONS TO AVOID:** NONE KNOWN BASED ON INFORMATION SUPPLIED.

**INCOMPATIBLE MATERIALS:** NONE KNOWN BASED ON INFORMATION SUPPLIED.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CARBON OXIDES.

#### SECTION XI: TOXICOLOGICAL INFORMATION

##### INFORMATION ON LIKELY ROUTES OF EXPOSURE - PRODUCT INFORMATION

**INHALATION:** SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

**EYE CONTACT:** SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

**SKIN CONTACT:** SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

**INGESTION:** SPECIFIC TEST DATA FOR THE SUBSTANCE OR MIXTURE IS NOT AVAILABLE.

##### COMPONENT INFORMATION

###### 2-PROPANOL, 1-(2-BUTOXY-1-METHYLETHOXY)- 29911-28-2

- ORAL LD50: 1620 ML/KG ( RAT )
- DERMAL LD50: 5860 ML/KG ( RABBIT )
- INHALATION LC50: 42.1 PPM ( RAT ) 4 H

##### SUPPLIER TRADE SECRET

- ORAL LD50: > 5000 MG/KG ( RAT )
- DERMAL LD50: > 2000 MG/KG ( RABBIT )
- INHALATION LC50: > 2.2 MG/L ( RAT ) 1 H

##### INFORMATION ON TOXICOLOGICAL EFFECTS

**SYMPTOMS:** NO INFORMATION AVAILABLE.

**DELAYED/IMMEDIATE EFFECTS AND CHRONIC EFFECTS FROM SHORT & LONG-TERM EXPOSURE:**

**SUPPLIER TRADE SECRET – ACGIH:** A2 - SUSPECTED HUMAN CARCINOGEN; **IARC:** GROUP 1 - CARCINOGENIC TO HUMANS; **NTP (NATIONAL TOXICOLOGY PROGRAM):** KNOWN - KNOWN CARCINOGEN; **OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OF THE US DEPARTMENT OF LABOR):** X - PRESENT

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#### SECTION XI: TOXICOLOGICAL INFORMATION (CONT'D)

**REPRODUCTIVE TOXICITY:** NO INFORMATION AVAILABLE.

**STOT - SINGLE EXPOSURE:** NO INFORMATION AVAILABLE.

**STOT - REPEATED EXPOSURE:** NO INFORMATION AVAILABLE.

**CHRONIC TOXICITY:** CONTAINS A KNOWN OR SUSPECTED CARCINOGEN. AVOID REPEATED EXPOSURE. PROLONGED EXPOSURE MAY CAUSE CHRONIC EFFECTS.

#### NUMERICAL MEASURES OF TOXICITY PRODUCT INFORMATION

THE FOLLOWING VALUES ARE CALCULATED BASED ON CHAPTER 3.1 OF THE GHS DOCUMENT

ATEMIX (ORAL) 47,911.50 MG/KG

#### SECTION XII: ECOLOGICAL INFORMATION

**ECOTOXICITY:** THE ENVIRONMENTAL IMPACT OF THIS PRODUCT HAS NOT BEEN FULLY INVESTIGATED. 2-PROPANOL, 1-(2-BUTOXY-1-METHYLETHOXY) - CAS# 29911-28-2: 96H; **TOXICITY TO FISH:** 96H LC50: = 841 MG/L (POECILIA RETICULATA)

**PERSISTENCE AND DEGRADABILITY:** NO INFORMATION AVAILABLE.

**BIOACCUMULATION:** NO INFORMATION AVAILABLE

**OTHER ADVERSE EFFECTS:** NO INFORMATION AVAILABLE.

#### SECTION XIII: DISPOSAL CONSIDERATIONS

##### WASTE TREATMENT METHODS

**DISPOSAL METHODS:** THIS MATERIAL, AS SUPPLIED, IS NOT A HAZARDOUS WASTE ACCORDING TO FEDERAL REGULATIONS (40 CFR 261). THIS MATERIAL COULD BECOME A HAZARDOUS WASTE IF IT IS MIXED WITH OR OTHERWISE COMES IN CONTACT WITH A HAZARDOUS WASTE, IF CHEMICAL ADDITIONS ARE MADE TO THIS MATERIAL, OR IF THE MATERIAL IS PROCESSED OR OTHERWISE ALTERED. CONSULT 40 CFR 261 TO DETERMINE WHETHER THE ALTERED MATERIAL IS A HAZARDOUS WASTE. CONSULT THE APPROPRIATE STATE, REGIONAL, OR LOCAL REGULATIONS FOR ADDITIONAL REQUIREMENTS.

**CONTAMINATED PACKAGING:** DISPOSE OF CONTENTS/CONTAINERS IN ACCORDANCE WITH LOCAL REGULATIONS.

**CALIFORNIA HAZARDOUS WASTE CODES:** 331

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#### SECTION XIV: TRANSPORT INFORMATION

NOT REGULATED.

#### SECTION XV: OTHER REGULATORY INFORMATION

##### INTERNATIONAL INVENTORIES

**TSCA:** COMPLIES

**DSL:** ALL COMPONENTS ARE LISTED EITHER ON THE DSL OR NDSL.

(TSCA - UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY; DSL/NDSL - CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST)

##### US FEDERAL REGULATIONS

SARA 313: SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA). THIS PRODUCT DOES NOT CONTAIN CHEMICALS WHICH ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THE ACT AND TITLE 40 OF THE CODE OF FEDERAL REGULATIONS, PART 372

##### SARA 311/312 HAZARD CATEGORIES

ACUTE HEALTH HAZARD: NO

CHRONIC HEALTH HAZARD: NO

FIRE HAZARD: NO

SUDDEN RELEASE OF PRESSURE HAZARD: NO

REACTIVE HAZARD: NO

**CWA (CLEAN WATER ACT):** THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT (40 CFR 122.21 AND 40 CFR 122.42)

**CERCLA:** THIS MATERIAL, AS SUPPLIED, DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS HAZARDOUS SUBSTANCES UNDER THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA) (40 CFR 302) OR THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) (40 CFR 355). THERE MAY BE SPECIFIC REPORTING REQUIREMENTS AT THE LOCAL, REGIONAL, OR STATE LEVEL PERTAINING TO RELEASES OF THIS MATERIAL

##### US STATE REGULATIONS

**CALIFORNIA PROPOSITION 65:** THIS PRODUCT DOES NOT CONTAIN ANY PROPOSITION 65 CHEMICALS.

**U.S. STATE RIGHT-TO-KNOW REGULATIONS:** THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES REGULATED BY STATE RIGHT-TO-KNOW REGULATIONS.

##### INTERNATIONAL REGULATIONS

CANADA (WHMIS): HAZARD CLASS NOT DETERMINED

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#### SECTION XVI: OTHER INFORMATION

**NFPA:** HEALTH HAZARDS – 1; FLAMMABILITY – 0; INSTABILITY – 0; PHYSICAL AND CHEMICAL HAZARDS – **HMIS:** HEALTH HAZARDS – 1; FLAMMABILITY – 0; PHYSICAL HAZARD -0; PERSONAL PROTECTION -X

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