

ECO CorFlex

Molecular Industrial Polymers

SAFETY DATA SHEET

PRODUCT NAME: ECO-PATCH (PART A)

HMIS RATINGS: H F PH

PRODUCT DESCRIPTION: CONCRETE PATCH SYSTEM

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SECTION I: COMPANY IDENTIFICATION

DISTRIBUTOR'S NAME:	ECO-CORFLEX INDUSTRIAL POLYMERS		
ADDRESS:	4350 S. 38TH ST., SUITE 110 ▪ PHOENIX, ARIZONA 85040		
EMERGENCY PHONE #:	1-800-255-3924	DATE REVISED:	AUG 23, 2022
INFORMATION PHONE #:	1-866-406-2628	NAME OF PREPARER:	TECH. DEPT.

SECTION II: HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

SKIN IRRITATION - 2

EYE DAMAGE - 1

GHS HAZARDS

H315 • CAUSES SKIN IRRITATION

H318 • CAUSES SERIOUS EYE DAMAGE

GHS PRECAUTIONS

P262 • DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

P280 • WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION.

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

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

HAZARD PICTOGRAMS



SIGNAL WORD: WARNING

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SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

Chemical Characterization

Name	EC-Nr.	CAS-Nr.	REACH Reg Nr.	Content (%)
Proprietary Resin	Proprietary	Proprietary	Proprietary	25 - 50
Proprietary Solvent	Proprietary	Proprietary	Proprietary	50 - 75

SECTION IV: FIRST AID MEASURES

GENERAL INFORMATION • NO SPECIAL MEASURES NECESSARY

IF INHALED • NO SPECIAL MEASURES NECESSARY

ON SKIN CONTACT • IN CASE OF CONTACT WITH SKIN, WASH OFF IMMEDIATELY WITH PLENTY OF WATER. DO NOT ALLOW PRODUCT TO DRY ON SKIN. CONSULT A DOCTOR IF SKIN IRRITATION PERSISTS.

ON CONTACT WITH EYES • IMMEDIATELY WASH AFFECTED EYES FOR AT LEAST 15 MINUTES UNDER RUNNING WATER WITH EYELIDS HELD OPEN, CONSULT AN EYE SPECIALIST.

ON INGESTION • IMMEDIATELY RINSE MOUTH AND DRINK PLENTY OF WATER, DO NOT INDUCE VOMITING, SEEK MEDICAL ATTENTION IMMEDIATELY.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED • NO DATA.

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED • NONE

SECTION V: FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

SUITABLE EXTINGUISHING MEDIA • PRODUCT ITSELF IS NON-COMBUSTIBLE; ADAPT FIRE EXTINGUISHING MEASURES TO SURROUNDING AREAS.

UNSUITABLE EXTINGUISHING MEDIA • COMPATIBLE WITH ALL USUAL EXTINGUISHING MEDIA.

SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE • NONE KNOWN.

ADVICE FOR FIREFIGHTER • SPECIAL PROTECTIVE EQUIPMENT: IN CASE OF COMBUSTION USE A SUITABLE BREATHING APPARATUS.

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SECTION VI: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES • USE PERSONAL PROTECTIVE CLOTHING. AVOID CONTACT WITH SKIN, EYES AND CLOTHING. HIGH RISK OF SLIPPING DUE TO LEAKAGE/SPILLAGE OF PRODUCT.

ENVIRONMENTAL PRECAUTIONS • DO NOT ALLOW TO ENTER DRAINS OR WATERWAYS.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP • TAKE UP WITH ABSORBENT MATERIAL (E.G. SAND, KIESELGUHR, UNIVERSAL BINDER). RINSE AWAY REST WITH PLENTY OF WATER.

SECTION VII: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING • OBSERVE THE USUAL PRECAUTIONS FOR HANDLING CHEMICALS. OPEN AND HANDLE CONTAINER WITH CARE.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

REQUIREMENTS FOR STORAGE ROOMS AND VESSELS • KEEP ONLY IN THE ORIGINAL CONTAINER.

FURTHER INFORMATION ON STORAGE CONDITIONS • PROTECT FROM FROST.

RECOMMENDED STORAGE TEMPERATURE • VALUE 5 - 45°C.

VCI STORAGE CATEGORY • 12 NON-COMBUSTIBLE LIQUIDS

STORAGE STABILITY • UNDER CORRECT STORING CONDITIONS THE PRODUCT IS STABLE FOR AT LEAST 12 MONTHS.

SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS • NO EXPOSURE LIMIT VALUE KNOWN.

EXPOSURE CONTROLS

GENERAL PROTECTIVE AND HYGIENE MEASURES • OBSERVE THE USUAL PRECAUTIONS WHEN HANDLING CHEMICALS. WASH HANDS BEFORE BREAKS AND AFTER WORK. DO NOT EAT, DRINK OR SMOKE DURING WORK TIME.

OCCUPATIONAL EXPOSURE CONTROLS

RESPIRATORY PROTECTION • BREATHING APPARATUS IN THE EVENT OF AEROSOL OR MIST FORMATION. SHORT TERM: FILTER APPARATUS, FILTER B

HAND PROTECTION • GLOVES (ALKALI-RESISTANT); APPROPRIATE MATERIAL: LATEX; KCL LAPREN 706 / 0.6 MM / 480 MIN.

EYE PROTECTION • SAFETY GLASSES WITH SIDE PROTECTION SHIELD.

SKIN PROTECTION • CLOTHING AS USUAL IN THE CHEMICAL INDUSTRY.

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SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE • LIQUID, CLEAR, COLOURLESS TO SLIGHTLY YELLOW

ODOR • ODORLESS

ODOR THRESHOLD • NO DATA

PH • NO DATA

MELTING POINT/FREEZING POINT • NO DATA

BOILING RANGE • APPR. 100°C

FLASH POINT • NOT FLAMMABLE

EVAPORATION RATE • NO DATA

FLAMMABILITY (SOLID, GAS) • NOT IGNITABLE

IGNITABLE, EXPLOSIVE RANGE • NO DATA

VAPOUR PRESSURE • NO DATA

VAPOUR DENSITY • NO DATA

DENSITY • APPR. 1,55 KG/L (AT 20°C)

SOLUBILITY • NO DATA

PARTITION COEFFICIENT (N-OCTANOL/WATER) • NOT APPLICABLE

SELF IGNITION TEMPERATURE • NO DATA

DECOMPOSITION TEMPERATURE • NO DATA

VISCOSITY • APPR. 600 MPA.S (AT 20°C)

EXPLOSIVE PROPERTIES • NO DATA

OXIDIZING PROPERTIES • NO DATA

OTHER INFORMATION • NOT APPLICABLE

SECTION X: STABILITY & REACTIVITY DATA

CONDITIONS TO AVOID • PROTECT FROM FROST

MATERIALS TO AVOID • ACIDS

HAZARDOUS DECOMPOSITION PRODUCTS • NO HAZARDOUS DECOMPOSITION PRODUCTS KNOWN

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SECTION XI: TOXICOLOGICAL INFORMATION

ACUTE TOXICITY

ACUTE ORAL TOXICITY • REMARKS: THE TOXICOLOGICAL DATA SHOWN ARE THOSE OBTAINED FROM TESTS ON PRODUCTS OF SIMILAR COMPOSITION.

REFERENCE SUBSTANCE

• PROPRIETARY RESIN • SPECIES: RAT • LD50: > 2000 MG/KG • SOURCE: DATA OF SUPPLIER

REMARKS • THE POISONOUS EFFECT OF THE PRODUCT IS CAUSED BY ITS ALKALINITY AND NOT BY SUBSTANCE-SPECIFIC SYSTEMIC CHARACTERISTICS.

IRRITANT/CORROSIVE EFFECTS

IRRITANT EFFECT ON SKIN • IRRITANT

IRRITANT EFFECT ON EYES • IRRITANT – RISK OF SERIOUS DAMAGE TO EYES

SENSITIZATION • NON-SENSITIZING

EFFECTS AFTER REPEATED OR PROLONGED EXPOSITION (SUBACUTE, SUBCHRONIC, CRONIC)

EXPERIENCE IN PRACTICE • IRRITATING EFFECTS ON THE SKIN AND MUCOUS MEMBRANE. RISK OF SERIOUS DAMAGE TO EYES.

OTHER INFORMATION • WHEN HANDLED APPROPRIATELY, EVEN AFTER LONG YEARS OF EXPERIENCE WITH THIS PRODUCT, NO ADVERSE HEALTH EFFECTS ARE KNOWN.

SECTION XII: ECOLOGICAL INFORMATION

FISH TOXICITY

REMARKS • ECOTOXICOLOGICAL DATA ARE TAKEN FROM A SIMILAR PRODUCT OF THE SAME TYPE.

REFERENCE SUBSTANCE • PROPRIETARY RESIN (35%) • SPECIES: BRACHIDANIO RERIO • LC50: > 2000 MG/L • DURATION OF EXPOSURE: 96 H • SOURCE: DATA OF SUPPLIER

REFERENCE SUBSTANCE • PROPRIETARY RESIN (29%) • SPECIES: LEUCISCUS IDUS • LC0: > 500 MG/L • DURATION OF EXPOSURE: 48 H • SOURCE: DATA OF SUPPLIER

REMARKS • THE ECOTOXIC EFFECT OF THE PRODUCT IS MAINLY DUE TO ITS ALKALINITY

DAPHNIA TOXICITY

REMARKS • ECOTOXICOLOGICAL DATA ARE TAKEN FROM A SIMILAR PRODUCT OF THE SAME TYPE.

REFERENCE SUBSTANCE • PROPRIETARY RESIN (35%) • SPECIES: DAPHNIA MAGNA • EC0: > 2000 MG/L • DURATION OF EXPOSURE: 48 H • SOURCE: DATA OF SUPPLIER

REFERENCE SUBSTANCE • PROPRIETARY RESIN (29%) • SPECIES: DAPHNIA MAGNA • EC0: > 500 MG/L • DURATION OF EXPOSURE: 24 H • SOURCE: DATA OF SUPPLIER

REMARKS • THE ECOTOXIC EFFECT OF THE PRODUCT IS MAINLY DUE TO ITS ALKALINITY.

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SECTION XII: ECOLOGICAL INFORMATION (CONT'D)

BACTERIA TOXICITY

REMARKS • ECOTOXICOLOGICAL DATA ARE TAKEN FROM A SIMILAR PRODUCT OF THE SAME TYPE.
REFERENCE SUBSTANCE • PROPRIETARY RESIN (35%) • SPECIES: PSEUDOMONAS PUTIDA • EC0: > 1000
MG/L • DURATION OF EXPOSURE: 48 H • SOURCE: DATA OF SUPPLIER

REMARKS • THE ECOTOXIC EFFECT OF THE PRODUCT IS MAINLY DUE TO ITS ALKALINITY

BIODEGRADABILITY

REMARKS • INORGANIC PRODUCT, CANNOT BE ELIMINATED FROM THE WATER BY BIOLOGICAL
PURIFICATION PROCESSES.

BEHAVIOUR IN SEWERS (WASTE TREATMENT PLANTS) • THE PRODUCT IS AN ALKALINE SOLUTION.
NEUTRALIZATION IS NORMALLY NECESSARY BEFORE A WASTE WATER IS DISCHARGED INTO SEWAGE
TREATMENT PLANTS. WHEN LOW CONCENTRATIONS ARE DISCHARGED CORRECTLY INTO ADAPTED
BIOLOGICAL SEWAGE TREATMENT PLANTS, DISTURBANCE OF THE DEGRADATION ACTIVITY OF
ACTIVATED SLUDGE IS NOT LIKELY.

SECTION XIII: DISPOSAL CONSIDERATIONS

DISPOSAL RECOMMENDATIONS FOR THE PRODUCT • EWC WASTE CODE: 06 02 05 OTHER BASES. •
DILUTION AND NEUTRALIZATION WITH ACID. AFTER SOLIDIFICATION (E.G. AS CASIO₃ PRECIPITATE),
LANDFILL IN ACCORDANCE WITH LOCAL AUTHORITIES. RE-USE WITHOUT REPROCESSING AS LONG AS
NOT SOLIDIFIED.

DISPOSAL RECOMMENDATIONS FOR PACKAGING • COMPLETELY EMPTIED PACKAGINGS CAN BE
GIVEN FOR RECYCLING.

SECTION XIV: TRANSPORT INFORMATION

LAND TRANSPORT (ADR/RID) • NOT CLASSIFIED AS DANGEROUS ACCORDING TO TRANSPORT
REGULATIONS.

SEA TRANSPORT (IMDG/ GGVSEE) • NOT CLASSIFIED AS DANGEROUS ACCORDING TO TRANSPORT
REGULATIONS.

AIR TRANSPORT • NOT CLASSIFIED AS DANGEROUS ACCORDING TO TRANSPORT REGULATIONS.

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SECTION XV: REGULATORY INFORMATION

SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE WATER HAZARD CLASS (GERMANY) • WGK 1

CHEMICAL SAFETY ASSESSMENT • IN ACCORDANCE WITH REACH CHEMICAL SAFETY ASSESSMENT HAS NOT BEEN CARRIED OUT FOR THE PRODUCT.

SECTION XVI: OTHER INFORMATION

NONE.

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.