

PRODUCT NAME: POLY VINYL ACETATE (PVA)

HMIS RATINGS: H F R

1 0 0

PRODUCT DESCRIPTION: CHIPS

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 19, 2023		
INFORMATION PHONE #:	1-866-406-2628	NAME OF PREPARER:	TECH. DEPT.		

SECTION II: HAZARDS IDENTIFICATION

OSHA REGULATORY STATUS: THIS PRODUCT IS PRODUCED WITH CHEMICALS THAT ARE CONSIDERED HAZARDOUS BY THE 2012 OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

ACUTE TOXICITY - ORAL: CATEGORY 4 (H302).

ACUTE TOXICITY - INHALATION (DUSTS / MISTS) : CATEGORY 4 (H332).

CARCINOGENICITY: CATEGORY 2B (H350).

LABEL ELEMENTS:

EMERGENCY OVERVIEW / HAZARD STATEMENTS

H302 – HARMFUL IF SWALLOWED.

H332 – HARMFUL IF INHALED.



SIGNAL WORD: DANGER!

PRECAUTIONARY STATEMENTS

P264 – WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING.

P270 – DO NOT EAT, DRINK, OR SMOKE WHEN USING THIS PRODUCT.

P301 & P312 – IF SWALLOWED: CALL POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

P330 – RINSE MOUTH P261 – AVOID BREATHING DUST.

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

P312 – CALL A POISON CETER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

P202 – DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.

P281 – USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED.



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SECTION II: HAZARDS IDENTIFICATION (CONT'D)

DISPOSAL: DISPOSE OF CONTENTS/CONTAINER TO AN APPROPRIATE TREATMENT AND DISPOSAL FACILITY IN ACCORDANCE WITH APPLICABLE LAWS AND REGULATIONS. TO CLARIFY, THIS PRODUCT CONTAINS BARIUM SULFATE, NOT BARIUM. BARIUM SULFATE IS NOT A LISTED HAZARDOUS WASTE AS DEFINED BY RCRA. EPA NOTES THAT BARIUM IS ONE OF THE CONTAMINANTS TESTED FOR IN THE TOXICITY CHARACTERISTICS (TC) OF 40 CFR 261.24. HOWEVER, DUE TO ITS LIMITED WATER SOLUBILITY, BARIUM SULFATE IS NOT EXPECTED TO PRODUCE AN EXTRACTABLE CONCENTRATION OF BARIUM THAT EXCEEDS THE MAXIMUM ALLOWABLE CONCENTRATION OF SOLUBLE BARIUM (100 MG/L) USING THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) AS DESCRIBED IN 40 CFR 261.24. THUS, LAND DISPOSAL OF BARIUM SULFATE IS NOT REGULATED UNDER RCRA SUBTITLE C.

OTHER HAZARDS WHICH DO NOT RESULT IN GHS CLASSIFICATION: NONE IDENTIFIED.

SECTION III: COMPOSITION & INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS #	% BY WEIGHT
VINYL ACETATE POLYEMR	9003-20-7	12 -22 *
BARIUM SULFATE	7727-43-7	65 – 85 *
TITANIUM DIOXIDE	13463-67-7	1-10 *
CARBON BLACK	00133-86-4	0-0.05 *

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

SECTION IV: FIRST AID MEASURES

INGESTION: RINSE MOUTH. CALL A POISON CENTER OR DOCTOR/PHYSICIAN IF YOU FEEL UNWELL.

INHALATION: REMOVE EXPOSED PERSON TO FRESH AIR IF ADVERSE EFFECTS ARE OBSERVED.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING. BRUSH OFF LOOSE PARTICLES FROM SKIN. WASH SKIN WITH SOAP AND WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE.

EYE CONTACT: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ASSISTANCE. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING.

SECTION V: FIRE FIGHTING MEASURES

GENERAL FIRE HAZARDS: NO UNUSUAL FIRE OR EXPLOSION HAZARDS NOTED.



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SECTION V: FIRE FIGHTING MEASURES (CONT'D)

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

SUITABLE EXTINGUISHING MEDIA: CO2, DRY CHEMICAL, FOAM, WATER SPRAY, WATER FOG.

UNSUITABLE EXTINGUISHING MEDIA: NOT DETERMINED.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL: NO INFORMATION AVAILABLE.

SPECIAL 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: ENSURE ADEQUATE VENTILATION, ESPECIALLY IN CONFINED AREAS. AVOID CREATING DUST.

FOR EMERGENCY RESPONDERS: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SEE SECTION 8 FOR MORE INFORMATION.

ENVIRONMENTAL PRECAUTIONS: PREVENT ENTRY INTO WATERWAYS, SEWERS, BASEMENTS OR CONFINED AREAS. DO NOT FLUSH INTO SURFACE WATER OR SANITARY SEWER SYSTEM.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

METHODS FOR CONTAINMENT: PREVENT FURTHER SPILLAGE IF SAFE TO DO SO. PREVENT DUST CLOUD.

METHODS FOR CLEANING UP: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. AVOID CREATING DUST. SWEEP UP AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL.

SECTION VII: HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES. PROVIDE ADEQUATE VENTILATION. WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. AVOID CONTACT WITH EYES AND PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID GENERATION OF DUST. AVOID BREATHING DUST. KEEP CONTAINERS CLOSED WHEN NOT IN USE. WASH THOROUGHLY AFTER HANDLING.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE CONDITIONS: KEEP CONTAINER CLOSED IN A DRY AND WELL-VENTILATED PLACE. KEEP OUT OF THE REACH OF CHILDREN.

INCOMPATIBLE MATERIALS: STRONG ACIDS.



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SECTION VIII: EXPOSURE CONTROL / PERSONAL PROTECTION

COMPONENT	CAS #	% BY WEIGHT
BARIUM SULFATE	7727-43-7	65 - 85
ACGIH TVL : TWA - 5 MG/M3 INHALABL	E FRACTION; <1% CRYSTALLINE SILICA	
OSHA PEL: TWA - 15 MG/M3 TOTAL DUS	ST	
NIOSH IDLH: TWA - 10 MG/M3 TOTAL D	UST; TWA - 5 MG/M3 RESPIRABLE DUST	
TITANIUM DIOXIDE	013463-67-7	0 - 20
ACGIH TLV: 10 MG/M3 AS DUST		
OSHA PEL: 10 MG/M3 TOTAL DUST; 5 M	IG/M3 RESPIRABLE FRACTION	
CARBON BLACK	001333-86-4	0 - 10
ACGIH TLV: 3.5 MG/M3		
OSHA PEL: 3.5 MG/M3		

APPROPRIATE ENGINEERING CONTROLS: SHOWERS, EYEWASH STATIONS, VENTILATION SYSTEMS.

INDIVIDUAL PROTECTIONS MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT: EYE/FACE PROTECTION, TIGHT SEALING SAFETY GOGGLES.

SKIN AND BODY PROTECTION: WEAR PROTECTIVE GLOVES AND PROTECTIVE CLOTHING.

RESPIRATORY PROTECTION: IF EXPOSURE LIMITS ARE EXCEEDED OR IRRITATION IS EXPERIENCED, NIOSH/MSHA APPROVED RESPIRATORY PROTECTION SHOULD BE WORN. POSITIVE-PRESSURE SUPPLIED AIR RESPIRATORS MAY BE REQUIRED FOR HIGH AIRBORNE CONTAMINATED CONCENTRATIONS. RESPIRATORY PROTECTION MUST BE PROVIDED IN ACCORDANCE WITH CURRENT LOCAL REGULATIONS.

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE PHYSICAL STATE: SOLID FORM: SOLID COLOR: PIGMENTED AS APPROPRIATE TO ACHIEVE DESIRED COLOR ODOR: SWEET ODOR THRESHOLD: NO DATA AVAILABLE PH: NO DATA AVAILABLE

MELTING POINT/FREEZING POINT: NO DATA AVAILABLE

BOILING POINT / BOILING RANGE: NO DATA AVAILABLE



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FLASH POINT: NO DATA AVAILABLE EVAPORATION RATE: NO DATA AVAILABLE

SECTION IX: PHYSICAL AND CHEMICAL PROPERTIES (CONT'D)

FLAMMABILITY LIMIT IN AIR UPPER FLAMMABILITY LIMIT: NO DATA AVAILABLE LOWER FLAMMABILITY LIMIT: NO DATA AVAILABLE VAPOR PRESSURE: NO DATA AVAILABLE VAPOR DENSITY: NO DATA AVAILABLE SPECIFIC GRAVITY: 2.75 WATER SOLUBILITY: NO DATA AVAILABLE SOLUBILITY IN OTHER SOLVENTS: NO DATA AVAILABLE PARTITION COEFFICIENT: NO DATA AVAILABLE AUTO-IGNITION 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** BULK DENSITY: 22.89 LB/GAL **VOC:** 0%

SECTION X: STABILITY & REACTIVITY DATA

REACTIVITY: NO DATA AVAILABLE.

CHEMICAL STABILITY: STABLE UNDER RECOMMENDED STORAGE CONDITIONS.

POSSIBILITY OF HAZARDOUS REACTIONS: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

CONDITIONS TO AVOID: INCOMPATIBLE MATERIALS. DUST FORMATION. STRONG OXIDIZERS.

INCOMPATIBLE MATERIALS: STRONG ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: THERMAL DECOMPOSITION OR COMBUSTION MAY GENERATE SMOKE, CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER PRODUCTS OF INCOMPLETE COMBUSTION. IRRITATING AND TOXIC SUBSTANCES MAY BE EMITTED UPON COMBUSTION OR BURNING.



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SECTION XI: TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

INHALATION: NO DATA AVAILABLE.

INGESTION: HARMFUL IF SWALLOWED.

SKIN CONTACT: CAUSES MILD SKIN IRRITATION.

EYE CONTACT: NO DATA AVAILABLE.

INFORMATION ON TOXICOLOGICAL EFFECTS:

ACUTE TOXICITY

ORAL - PRODUCT: MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT. ATEMIX 300 – 2000 MG/KG.

DERMAL - PRODUCT: NOT CLASSIFIED FOR ACUTE TOXICITY BASED ON AVAILABLE DATA.

INHALATION - PRODUCT: NOT CLASSIFIED FOR ACUTE TOXICITY BASED ON AVAILABLE DATA.

SKIN CORROSION/IRRITATION - PRODUCT: MAY CAUSE MILD SKIN IRRITATION.

SERIOUS EYE DAMAGE/EYE IRRITATION - PRODUCT: NOT CLASSIFIED AS A PRIMARY EYE IRRITANT.

RESPIRATORY SENSITIZATION - PRODUCT: NO DATA AVAILABLE.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE

VINYL ACETATE POLYMER: MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

ASPIRATION HAZARD: NO DATA AVAILABLE

PRODUCT: NOT CLASSIFIED FOR ACUTE TOXICITY BASED ON AVAILABLE DATA.

CHRONIC EFFECTS:

CARCINOGENICITY IARC'S MONOGRAPH NO. 93 REPORTS THERE IS SUFFICIENT EVIDENCE OF CARCINOGENICITY IN EXPERIMENTAL RATS EXPOSED TO TITANIUM DIOXIDE BUT INADEQUATE EVIDENCE FOR CARCINOGENICITY IN HUMANS AND HAS ASSIGNED A GROUP 2B RATING. IN ADDITION, THE IARC SUMMARY CONCLUDES, "NO SIGNIFICANT EXPOSURE TO TITANIUM DIOXIDE IS THOUGHT TO OCCUR DURING THE USE OF PRODUCTS IN WHICH TITANIUM IS BOUND TO OTHER MATERIALS, SUCH AS PAINT."

CARBON BLACK IS CLASSIFIED BY IARC AS POSSIBLY CARCINOGENIC TO HUMANS (GROUP 2B) BASED ON EXPERIMENTAL ANIMAL DATA, HOWEVER, THERE IS INSUFFICIENT EVIDENCE IN HUMANS FOR ITS CARCINOGENICITY.

TOXICOLOGY DATA: NOT AVAILABLE



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SECTION XII: ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION XIII: DISPOSAL CONSIDERATIONS

DISPOSAL INSTRUCTIONS: DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND LOCAL LAWS AND REGULATIONS. TO CLARIFY, THIS PRODUCT CONTAINS BARIUM SULFATE, NOT BARIUM. BARIUM SULFATE IS NOT A LISTED HAZARDOUS WASTE AS DEFINED BY RCRA. EPA NOTES THAT BARIUM IS ONE OF THE CONTAMINANTS TESTED FOR IN THE TOXICITY CHARACTERISTICS (TC) OF 40 CFR 261.24. HOWEVER, DUE TO ITS LIMITED WATER SOLUBILITY, BARIUM SULFATE IS NOT EXPECTED TO PRODUCE AN EXTRACTABLE CONCENTRATION OF BARIUM THAT EXCEEDS THE MAXIMUM ALLOWABLE CONCENTRATION OF SOLUBLE BARIUM (100 MG/L) USING THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) AS DESCRIBED IN 40 CFR 261.24. THUS, LAND DISPOSAL OF BARIUM SULFATE IS NOT REGULATED UNDER RCRA SUBTITLE C.

CONTAMINATED PACKAGING: DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND LOCAL LAWS AND REGULATIONS.

SECTION XIV: TRANSPORT INFORMATION

DOT: NOT REGULATED.

TDG: NOT REGULATED.

MEX: NOT REGULATED.

ICAO (AIR): NOT REGULATED.

IATA: NOT REGULATED.

IMDG: NOT REGULATED.

RID: NOT REGULATED.

ADR: NOT REGULATED.

AND: NOT REGULATED.

SHIPPING DESCRIPTIONS MAY VARY BASED ON MODE OF TRANSPORT, QUANTITIES, TEMPERATURE OF THE MATERIAL, PACKAGE SIZE, AND/OR ORIGIN AND DESTINATION. IT IS THE RESPONSIBILITY OF THE TRANSPORTING ORGANIZATION TO FOLLOW ALL APPLICABLE LAWS, REGULATIONS AND RULES RELATING TO THE TRANSPORTATION OF THE MATERIAL. REVIEW CLASSIFICATION REQUIREMENTS BEFORE SHIPPING MATERIALS.



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SECTION XV: REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

UNITED STATES (TSCA): COMPLIES

CANADA (DSL/NDSL): COMPLIES

EUROPE (EINECS/ELINCS): COMPLIES

JAPAN (ENCS): COMPLIES

CHINA (IECSC): COMPLIES

KOREA (KECL): COMPLIES

PHILIPPINES (PICCS): COMPLIES

AUSTRALIA (AICS): COMPLIES

NEW ZEALAND (NZLOC): COMPLIES

US FEDERAL REGULATIONS:

SARA 313: NO INGREDIENTS IN THIS PRODUCT ARE SUBJECT TO SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION.

CWA (CLEAN WATER ACT): THIS PRODUCT DOES NOT CONTAIN ANY SUBSTANCES REGULATED AS POLLUTANTS PURSUANT TO THE CLEAN WATER ACT (40 CFR 112.21 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.

U.S. STATE REGULATIONS:

CALIFORNIA PROPOSITION 65: THIS PRODUCT CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

U.S. STATE RIGHT-TO-KNOW REGULATIONS

BARIUM SULFATE: NEW JERSEY, MASSACHUSETTS, PENNSYLVANNIA

SECTION XVI: OTHER INFORMATION

HMIS HAZARD ID: HEALTH 2* - FLAMMABILITY 0 - PHYSICAL HAZARDS 0

HAZARD RATING: 0 – MINIMAL; 1 – SLIGHT; 2 – MODERATE; 3 – SERIOUS; 4 – SEVERE; *CHRONIC HEALTH EFFECT



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SECTION XVI: OTHER INFORMATION (CONT'D)

NFPA HAZARD ID: FLAMMABILITY 0 - HEALTH 1 - REACTIVITY 0

SPECIAL HAZARD

HAZARD RATING: 0 - MINIMAL; 1 - SLIGHT; 2 - MODERATE; 3 - SERIOUS; 4 - SEVERE

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.