

SAFETY DATA SHEET**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY****MANUFACTURER'S NAME / ADDRESS**

ARIZONA POLYMER FLOORING
7731 N. 68TH AVE.
GLENDALE, AZ 85303

TRADE NAME: SK-E200 PART A
COLOR: CLEAR
MAIN USE: SPECIALTY FLOORING RESIN

EMERGENCY TELEPHONE NUMBER: (800) 424-9300 (CHEMTREC)

SECTION 2: HAZARDS IDENTIFICATION**GLOBALLY HARMONIZED SYSTEM (GHS)****CLASSIFICATION:**

SKIN CORROSION: CATEGORY 2

EYE DAMAGE: CATEGORY 2A

SKIN SENSITIZATION: SUB-CATEGORY 1

REPRODUCTIVE TOXICITY: CATEGORY 2

GHS LABEL ELEMENTS**HAZARD PICTOGRAMS**

SIGNAL WORD: DANGER!

HAZARD STATEMENTS

H315: CAUSES SKIN IRRITATION

H317: MAY CAUSE AN ALLERGIC SKIN REACTION

H319: CAUSES SERIOUS EYE IRRITATION

H361: SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD

H370: CAUSES DAMAGE TO ORGANS (CNS, EYES RESPIRATORY TRACT)

H372: CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE (LUNGS, SKIN)

PRECAUTIONARY STATEMENTS:**PREVENTION**

P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

P202: DO NOT HANDLE UNTIL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD

P261: AVOID BREATHING DUST/FUME/GAS/MIST/VAPORS/SPRAY

P264: WASH SKIN THOROUGHLY AFTER HANDLING

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

P272: CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE

P273: AVOID RELEASE TO ENVIRONMENT

P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION

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SECTION 2: HAZARDS IDENTIFICATION CON'T.

PRECAUTIONARY STATEMENTS

RESPONSE

P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

P303+P361+353: **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 SO. CONTINUE RINSING.

P304+P340 **IF INHALED:** REMOVE PERSON TO FRESH AIR AND KEEP COMFORTABLE FOR BREATHING

P301+P331: IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING

P337+P313: IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION

P361+P364: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

P391: COLLECT SPILLAGE

STORAGE

P405: STORE LOCKED UP

DISPOSAL

P501: DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT

OTHER HAZARDS

NO DATA AVAILABLE

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS

CAS Number

ALKYL PHENOL POLYETHER

PROPRIETARY

DIACETONE ALCOHOL

000123-42-2

POLY(OXY-1,2-ETHANEDIYL), .ALPHA-(2-PROPYLHEPTYL)-OMEGA-HYDROXY-

160875-66-1

2 PROPANOL, 1 BUTOXY

005131-66-8

OXIRANE, MONO [(C12-14-ALKOXY) METHYL] DERIVS.

068609-97-2

SECTION 4: FIRST AID MEASURES

GENERAL: REMOVE PERSON FROM AFFECTED AREA AND MAKE COMFORTABLE. TREAT SYMPTOMATICALLY.

EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: REMOVE PRODUCT AND FLUSH AFFECTED AREA WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

INHALATION: MOVE TO FRESH AIR. GIVE ASSISTED RESPIRATION IF BREATHING HAS STOPPED OR IS LABORED (CALL A PHYSICIAN).

INGESTION: GIVE 3 – 4 GLASSES OF WATER OR MILK IF PERSON CONSCIOUS. **DO NOT INDUCE VOMITING!** OBTAIN MEDICAL CARE AND TREATMENT.

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SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: NA **OSHA CLASS:** NONE SHOWN
CONDITIONS OF FLAMMABILITY: NA **AUTO IGNITION TEMP.:** NA
FLAMMABLE LIMITS: **LEL:** NE **UEL:** NE **SENSITIVITY TO IMPACT:** NONE
HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, **SENSITIVITY TO STATIC DISCHARGE:** NONE
EXTINGUISHING MEDIA: WATER, CO₂, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES: NONE LIKELY WITH SMALL QUANTITIES. FOR LARGE QUANTITIES, FIREFIGHTERS AND OTHERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES AND BODY SUIT. SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.
UNUSUAL FIRE AND EXPLOSIVE HAZARDS: POLYMER FILM CAN BURN, MATERIAL CAN SPLATTER ABOVE 100°C

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: COVER SPILLS WITH ABSORBENT. PLACE IN METAL CONTAINERS FOR RECOVERY OR DISPOSAL. PREVENT ENTRY INTO SEWERS, STORM DRAINS, AND WATERWAYS.

SECTION 7: HANDLING AND STORAGE

GENERAL: STORE IN COOL, WELL VENTILATED AREAS. KEEP AWAY FROM HEAT AND OPEN FLAMES. AVOID PROLONGED INHALATION OF HEATED VAPORS OR MISTS. AVOID PROLONGED SKIN CONTACT.
STORAGE: STORE BETWEEN 40°F AND 100°F PROTECTED FROM FROST AND DIRECT SUNLIGHT.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
ALKYL PHENOL POLYETHER	5mg/m ³	NE	10mg/m ³	NE	NOTE 1
000123-42-2	50	NE	50	NE	
160875-66-1	NE	NE	NE	NE	
005131-66-8	NE	NE	50	NE	
068609-97-2	NE	NE	NE	NE	

LEGEND: (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK
NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

ENGINEERING CONTROLS: NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

RESPIRATORY PROTECTION: NONE REQUIRED IN ADEQUATELY VENTILATED AREAS. IF VAPOR CONCENTRATION EXCEEDS 20ppm FOR LONGER THAN 15 MINUTES, A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IS RECOMMENDED.

PROTECTIVE GLOVES: NITRILE RUBBER

EYE PROTECTION: SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES

OTHER PROTECTIVE EQUIPMENT: LONG SLEEVED SHIRTS AND TROUSERS. EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >100°C (>212° F)	SPECIFIC GRAVITY: 1.0-1.1
VAPOR PRESSURE: ND	MELTING POINT: ND
VAPOR DENSITY: >1 (AIR = 1)	EVAPORATION RATE: <1 (BUTYL ACETATE = 1)
SOLUBILITY IN WATER: DILUTABLE	pH: 8.0 TO 11.5
COEFFICIENT of WATER/OIL DISTRIBUTION: ND	ODOR THRESHOLD: ND
APPEARANCE AND ODOR: MILKY WHITE LIQUID, MILD ODOR	
% VOLATILES BY VOLUME: 67%	% SOLIDS BY WEIGHT: 34%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID: AVOID ELEVATED TEMPERATURES

INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING AGENTS (PEROXIDES, NITRATES), ACIDS.

HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION (REACTIVITY): WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE: EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION.

EYES:
ACUTE – MAY CAUSE MILD IRRITATION WITH BLURRED VISION.
CHRONIC – ND

SKIN CONTACT:
ACUTE – TRANSIENT IRRITATION AND REDNESS.
CHRONIC – ND

SKIN ABSORPTION:
ACUTE – ND
CHRONIC – ND

INHALATION:
ACUTE – INHALATION OF MISTS MAY CAUSE MILD RESPIRATORY TRACT IRRITATION.
CHRONIC – EXCESSIVE EXPOSURE MAY RESULT IN REDUCED FETAL WEIGHT, INCREASE IN FETAL DEATHS AND SKELTAL MALFORMATIONS

INGESTION:
ACUTE – MAY CAUSE MILD IRRITATION OF GASTRO-INTESTINAL TRACT
CHRONIC – EXCESSIVE EXPOSURE MAY RESULT IN REDUCED FETAL WEIGHT, INCREASE IN FETAL DEATHS AND SKELTAL MALFORMATIONS

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SECTION 11: TOXICOLOGICAL INFORMATION CON'T.

ACUTE TOXICITY: NO DATA ON THE PRODUCT ITSELF

ACUTE ORAL TOXICITY- COMPONENTS

ALKYL PHENOL POLYETHER	LD50: >2000 mg/kg	SPECIES: RAT
CAS #123-42-2	LD50: 4000 mg/kg	SPECIES: RAT
CAS #160875-66-1	LD50: >500 mg/kg	SPECIES: RAT
CAS #5131-66-8	LD50: >2124 mg/kg	SPECIES: RAT
CAS #68609-97-2	LD50: 17,100 mg/kg	SPECIES: RAT

ACUTE DERMAL TOXICITY- COMPONENTS

ALKYL PHENOL ETHER	LD50: >2000 mg/kg	SPECIES: RAT
CAS #123-42-2	LD50: 13,500 mg/kg	SPECIES: RABBIT
CAS #5131-66-8	LD50: >2000 mg/kg	SPECIES: RAT

ACUTE INHALATION TOXICITY- COMPONENTS

CAS #5131-66-8	LC50 (4HR): > 3412 mg/l	SPECIES: RAT
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OECD TEST GUIDELINE 403

SKIN CORROSION/IRRITATION
IRRITATION

SERIOUS EYE DAMAGE/EYE IRRITATION
SERIOUS EYE IRRITATION

SENSITIZATION

MAY CAUSE AN ALLERGIC REACTION AFTER A SINGLE EXPOSURE OR WITH REPEATED OR PROLONGED SKIN CONTACT

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)
CATEGORY 3, RESPIRATORY TRACT. CATEGORY 2, EYES, BLOOD, LIVER

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)
CATEGORY 2 SKIN, KIDNEYS, ADRENAL. CATEGORY 1 LUNGS

GERM CELL MUTAGENICITY:

ANIMAL TESTING ON THIS SUBSTANCE INDICATE POSSIBLE MUTAGEN; TESTS ON BACTERIAL AND MAMMALIAN CELL CULTURES DID NOT SHOW MUTAGENIC EFFECTS.

CARCINOGENIC DATA:

NOT CLASSIFIED AS CARCINOGENIC. NOT LISTED BY OSHA/NTP/IARC

REPRODUCTIVE TOXICITY:

SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. AVOID EXPOSURE TO WOMAN DURING EARLY PREGNANCY

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY

AQUATIC TOXICITY: NO DATA ON THE PRODUCT ITSELF

ACUTE TOXICITY TO FISH- COMPONENTS

CAS #68609-97-2	LC50 (96 HRS): 1.8 g/l	SPECIES: RAINBOW TROUT
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ACUTE TOXICITY TO AQUATIC INVERTEBRATES: COMPONENTS

CAS #68609-97-2	EC50 (48 HRS): 7.2 mg/l	SPECIES: DAPHNIA MAGNA
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SECTION 12: ECOLOGICAL INFORMATION

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS: COMPONENTS

CAS #68609-97-2

LC50 (72 HRS): 844 mg/l

SPECIES: FRESH WATER ALGAE

TOXICITY TO BACTERIA: COMPONENTS: ND

CHRONIC AQUATIC TOXICITY: ND

PERSISTANCE AND DEGRADABILITY

BIODEGRADABILITY: BASED ON STRINGENT OECD TEST GUIDELINES, THIS MATERIAL CANNOT BE CONSIDERED READILY BIODEGRADABLE; HOWEVER, THESE RESULTS DO NOT NECESSARILY MEAN THAT THE MATERIAL IS NOT BIODEGRADABLE UNDER ENVIRONMENTAL CONDITIONS.

BIODEGRADATION: 29%

EXPOSURE TIME: 28 DAYS

METHOD: OECD TEST GUIDELINE 301B OR EQUIVALENT

BIOACCUMULATIVE POTENTIAL

BIOACCUMULATION: LOW

PARTITION COEFFECIENT: N-OCTANOL/WATER(LOG P_{ow}): 3.77 @21.5°C ESTIMATED

MOBILITY IN SOIL

PRODUCT IS SOLUBLE IN WATER

PARTITION COEFFICIAINT (K_{oc}): ND

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: INCINERATION IS PREFERED. THIS PRODUCT SHOULD NOT BE ALLOWED TO ENTER DRAINS, WATER COURSES OR THE SOIL. PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14: TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: NOT REGULATED

HAZARD CLASS: NA

UN NUMBER: NA

PACKAGING GROUP: NA

DOT PRODUCT RQ LBS (KGS): NA

HAZARD LABEL: NA

HAZARD PLACARD NA

ADDITIONAL INFORMATION: NONE

SECTION 15: REGULATORY INFORMATION

VOC: COMPONENT: 75 grams/Liter **AS APPLIED:** 50 grams/Liter (PART OF MULTI-COMPONENT SYSTEM)

TSCA (TOXIC SUBSTANCE CONTROL ACT): ALL COMPONENTS ARE LISTED IN THE TSCA CHEMICAL SUBSTANCE INVENTORY.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT): ND

SARA TITLE III

SECTION 312 HAZARD CLASS: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) HEALTH HAZARD

SECTION 313 LISTED INGREDIENTS: NONE ABOVE de Minimus LEVELS

CALIFORNIA PROPOSITION 65: THE BELOW LIST OF COMPOUNDS IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM: NONE

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SECTION 16: OTHER INFORMATION

INITIAL ISSUE DATE: AUGUST 11, 2015

REVISION DATE:

PREPARED BY: J.W. ESSIG

HAZARD RATING

HMIS: **HEALTH 2** **FLAMMABILITY 1** **REACTIVITY 0**

LEGEND

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

STEL: SHORT TERM EXPOSURE LIMIT

TWA: TIME WEIGHTED AVERAGE

PEL: PERMISSIBLE EXPOSURE LIMIT

TLV: THRESHOLD LIMIT VALUE

NA: NOT APPLICABLE

NE: NOT ESTABLISHED

ND: NO DATA

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