

## SAFETY DATA SHEET

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### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

#### MANUFACTURER'S NAME / ADDRESS

ARIZONA POLYMER FLOORING  
4565 W. WATKINS ST.  
PHOENIX, AZ 85043

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  
**CONDITIONS OF FLAMMABILITY:** NA  
**FLAMMABLE LIMITS:** LEL: NE UEL: NE  
**HAZARDOUS COMBUSTION PRODUCTS:** CO, CO<sub>2</sub>,  
**EXTINGUISHING MEDIA:** WATER, CO<sub>2</sub>, 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

**OSHA CLASS:** NONE SHOWN  
**AUTO IGNITION TEMP.:** NA  
**SENSITIVITY TO IMPACT:** NONE  
**SENSITIVITY TO STATIC DISCHARGE:** NONE

## 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 <sup>3</sup>	NE	10mg/m <sup>3</sup>	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

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

#### PERSISTENCE 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 COEFFICIENT: N-OCTANOL/WATER (LOG P<sub>ow</sub>):** 3.77 @21.5°C ESTIMATED

#### MOBILITY IN SOIL

PRODUCT IS SOLUBLE IN WATER

**PARTITION COEFFICIENT (K<sub>oc</sub>):** ND

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** INCINERATION IS PREFERRED. 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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<b>SECTION 16: OTHER INFORMATION</b>
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**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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