

SAFETY DATA SHEET

Page 1 of 7

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-P100 VOC 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:

FLAMMABLE LIQUIDS: CATEGORY 2

EYE DAMAGE: CATEGORY 2A **SKIN IRRITATION:** CATEGORY 2

ACUTE AQUATIC TOXICITY: CATEGORY 2 CHRONIC AQUATIC TOXICITY: CATEGORY 2

GHS LABEL ELEMENTS HAZARD PICTOGRAMS







SIGNAL WORD: DANGER!

HAZARD STATEMENTS

H225: HIGHLY FLAMMABLE LIQUID AND VAPOR

H319: CAUSES SERIOUS EYE IRRITATION

H315: CAUSES SKIN IRRITATION

H335: MAY CAUSE RESPIRATORY IRRITATION

H411: TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

PRECAUTIONARY STATEMENTS:

PREVENTION

P210: KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, AND HOT SURFACES. NO SMOKING

P233: KEEP CONTAINER TIGHTLY CLOSED

P240: GROUND/BOND CONTAINER AND RECEIVING EQUIPMENT

P241: USE EXPLOSION-PROOF ELECTRICAL, VENTILATING AND LIGHTING EQUIPMENT

P242: USE ONLY NON-SPARKING TOOLS

P243: TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGE

P261 AVOID BREATHING MIST/VAPORS/SPRAY

P264: WASH HANDS AND SKIN CONTACT AREAS THOROUGHLY AFTER HANDLING

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

RESPONSE

P303+P361+353: **IF ON SKIN (OR HAIR):** REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER

SK-P100 VOC PART A Page 2 of 7

SECTION 2: HAZARDS IDENTIFICATION CON'T.

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.

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

P304+P340: **IF INHALED:** IF BREATHING IS DIFFICULT REMOVE TO AND MAKE COMFORTABLE FOR BREATHING.

P332+P313: IF SKIN IRRITATION OCCURS: GET MEDICAL ATTENTION

P370+P378: IN CASE OF FIRE: USE DRY CHEMICAL, CARBON DIOXIDE (CO_2), FOAM, OR WATER SPRAY (FOR LARGE FIRES) TO EXTINGUISH

DISPOSAL

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

OTHER HAZARDS

NO DATA AVAILABLE

EMERGENCY OVERVIEW: DANGER!

HARMFUL OR FATAL IF SWALLOWED

HARMFUL IF INHALED

CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION

CONTAINS MATERIAL WHICH CAUSES DAMAGE TO THE FOLLOWING ORGANS: BLOOD, KIDNEYS, LIVER, GASTROINTESTINAL TRACT,

RESPIRATORY TRACT, SKIN, NERVOUS SYSTEM, EYE, LENS OR CORNEA

FLAMMABLE LIQUID AND VAPOR VAPOR MAY CAUSE FLASH FIRE

MAY BE HARMFUL IF ABSORBED THROUGH SKIN

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	Wt. %	CAS Number
PARACHLOROBENZOTRIFLOURIDE	30-60	000098-56-6
ACETONE	7-15	000067-64-1
1-METHOXY-2-PROPANOL ACETATE	5-10	000108-65-6
ETHYL-3-ETHOXYPROPIONATE	1-5	000763-69-9

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.

SK-P100 VOC PART A Page 3 of 7

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: -20°C (-4°F) TCC (ACETONE) CONDITIONS OF FLAMMABILITY: NA

FLAMMABLE LIMITS: (ACETONE) <u>LEL:</u> 2.6% <u>UEL:</u> 12.8%

OSHA CLASS: FLAMMABLE LIQUID, PACKING GROUP II AUTO IGNITION TEMP: 465°C (869°F)

HAZARDOUS COMBUSTION PRODUCTS: CO, CO2, ALDEHYDES, ACIDS

SENSITIVITY TO IMPACT: ND SENSITIVITY TO STATIC DISCHARGE: ND

EXTINGUISHING MEDIA: IGNITION MAY GIVE RISE TO A CLASS B FIRE. IN CASE OF FIRE USE: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. WATER SPRAY IS USEFUL IN COOLING FIRE-EXPOSED VESSELS AND IN DISPERSING VAPORS.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS. SUDDEN REACTION AND FIRE MAY RESULT IF PRODUCT IS MIXED WITH AN OXIDIZING AGENT. SOLVENT VAPORS MAY BE HEAVIER THAN AIR. UNDER CONDITIONS OF STAGNANT AIR, VAPORS MAY BUILD UP AND TRAVEL ALONG THE GROUND TO AN IGNITION SOURCE.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SHUT OFF SOURCES OF IGNITION. 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. USE NON-SPARKING TOOLS AND GROUNDING CABLES WHEN TRANSFERRING. CONTAINERS MAY BE HAZARDOUS WHEN EMPTY.

STORAGE: AVOID TEMPERATURE EXTREMES. STORE AWAY FROM EXCESSIVE HEAT, FROM SOURCES OF IGNITION AND FROM REACTIVE MATERIALS. MATERIAL CAN BURN; LIMIT INDOOR STORAGE TO AREAS EQUIPPED WITH AUTOMATIC SPRINKLERS. STORE OUT OF DIRECT SUNLIGHT IN A COOL PLACE. KEEP CONTAINERS TIGHTLY CLOSED. GROUND ALL METAL CONTAINERS DURING STORAGE AND HANDLING.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

EXPOSURE LIMITS (ppm)						
INGREDIENTS (CAS)	OSI	HA	AC	GIH	OTHER	
	TWA	STEL	TWA	STEL		
000098-56-6	NE	NE	NE	NE		
000067-64-1	750	NE	750	NE		
000108-65-6	100	150	100	150		
000763-69-9	50	100	50	100		

<u>LEGEND</u>: (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: EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATION OF THE SOLVENTS BELOW THEIR RESPECTIVE TLV'S. EXHAUST AIR MAY NEED TO BE CLEANED BY SCRUBBERS OR FILTERS TO REDUCE ENVIRONMENTAL CONTAMINATION.

SK-P100 VOC PART A Page 4 of 7

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION CON'T.

PROTECTIVE GLOVES: NITRILE RUBBER

EYE PROTECTION: SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES

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.

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

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 56.2°C (133.2°F) (ACETONE) SPECIFIC GRAVITY: 1.10-1.20

VAPOR PRESSURE: 180mm Hg (ACETONE)

WELTING POINT: ND

VAPOR DENSITY: 2.0

(AIR = 1)

(BUTYL ACETATE = 1)

SOLUBILITY IN WATER: INSOLUBLE pH: NA

COEFFICIENT of WATER/OIL DISTRIBUTION: ND ODOR THRESHOLD: ND

APPEARANCE AND ODOR: CLEAR TO HAZY LIQUID, SWEET SOLVENT ODOR

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE;

CONDITIONS TO AVOID: NOT APPLICABLE (MATERIAL IS STABLE)

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

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO,

HAZARDOUS POLYMERIZATION (REACTIVITY): WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

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

EYES:

ACUTE – LIQUID, AEROSOLS OR VAPORS ARE SEVERELY IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING. IF LEFT UNTREATED, CORNEAL DAMAGE CAN OCCUR AND INJURY IS SLOW TO HEAL. HOWEVER, DAMAGE IS USUALLY REVERSIBLE

CHRONIC - PROLONGED VAPOR CONTACT MAY CAUSE CONJUNCTIVITIS

SKIN CONTACT:

ACUTE – REPEATED OR PROLONGED SKIN CONTACT CAN RESULT IN DRY, DEFATTED AND CRACKED SKIN CAUSING INCREASED SUSCEPTIBILITY TO INFECTION. IN ADDITION IRRITATION MAY DEVELOP INTO DERMATITIS. SOLVENTS CAN PENETRATE THE SKIN AND MAY CAUSE EFFECTS SIMILAR TO THOSE IDENTIFIED UNDER ACUTE INHALATION SYMPTOMS.

CHRONIC - MAY CAUSE EFFECTS SIMILAR TO THOSE IDENTIFIED UNDER CHRONIC INHALATION EFFECTS.

SK-P100 VOC PART A Page 5 of 7

SECTION 11: TOXICOLOGICAL INFORMATION CON'T.

SKIN ABSORPTION:

ACUTE - ND CHRONIC - ND

INHALATION:

ACUTE – SOLVENT VAPORS ARE IRRITATING TO THE EYES NOSE AND THROAT. SYMPTOMS OF IRRITATION MAY INCLUDE RED, ITCHY EYES, DRYNESS OF THE THROAT AND A FEELING OF TIGHTNESS IN THE CHEST. OTHER POSSIBLE SYMPTOMS OF OVEREXPOSURE INCLUDE: HEADACHE, DIZZINESS, NAUSEA, NARCOSIS FATIGUE AND LOSS OF APPETITE.

CHRONIC – CHRONIC EXPOSURE TO ORGANIC SOLVENTS HAS BEEN ASSOCIATED WITH VARIOUS NEUROTOXIC EFFECTS INCLUDING PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. SYMPTOMS INCLUDE LOSS OF MEMORY, LOSS OF INTELLECTUAL ABILITY AND LOSS OF COORDINATION.

INGESTION:

ACUTE – CAN RESULT IN IRRITATION OF THE DIGESTIVE TRACT. SYMPTOMS CAN INCLUDE SORE THROAT ABDOMINAL PAIN NAUSEA, VOMITING AND DIARRHEA. VOMITING MAY CAUSE ASPIRATION OF SOLVENT RESULTING IN CHEMICAL PNEUMONITIS

CHRONIC - ND

CONDITIONS AGGRAVATED BY EXPOSURE: SKIN DISORDERS AND ALLERGIES.

ACUTE TOXICITY: NO DATA ON THE PRODUCT ITSELF

ACUTE ORAL TOXICITY- COMPONENTS

PARACHLOROBENZOTRIFLOURIDE LD50: 13000 mg/kg SPECIES: RAT ACETONE NOT CLASSIFIED FOR ACUTE TOXICITY 1-METHOXY-2-PROPANOL ACETATE LD50: 6190 mg/kg SPECIES: RAT ETHYL-3-ETHOXYPROPIONATE LD50: >5000 mg/kg SPECIES: RAT

ACUTE DERMAL TOXICITY- COMPONENTS

PARACHLOROBENZOTRIFLOURIDE LD50: 2700 mg/kg SPECIES: RABBIT ACETONE NOT CLASSIFIED FOR ACUTE TOXICITY 1-METHOXY-2-PROPANOL ACETATE LD50: >5000 mg/kg SPECIES: RAT ETHYL-3-ETHOXYPROPIONATE LD50: 4080 mg/kg SPECIES: RAT

ACUTE INHALATION TOXICITY- COMPONENTS

PARACHLOROBENZOTRIFLOURIDE LC50: 4470 ppm
ACETONE LC50: 76 mg/l
1-METHOXY-2-PROPANOL ACETATE LC50: >4345 ppm
ETHYL-3-ETHOXYPROPIONATE LC50: >998 ppm
OECD TEST GUIDELINE 403

SKIN CORROSION/IRRITATION

SLIGHTLY TO MODERATELY IRRITATING

SERIOUS EYE DAMAGE/EYE IRRITATION

SLIGHTLY TO MODERATELY IRRITATING

SENSITIZATION

DERMAL: NON-SENSITIZER (GUINEA PIG, MAGNUSSON/KLINGMAN (MAXIMIZATION TEST))

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)

CATEGORY 3 (IRRITATING TO RESPIRATORY SYSTEM)

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)

ND

SK-P100 VOC PART A Page 6 of 7

SECTION 11: TOXICOLOGICAL INFORMATION CON'T.

CARCINOGENIC DATA: NTP: NONE
TERATOGENICITY: NO
OSHA: NONE
MUTAGENICITY: NO

EMBRYOTOXICITY: NO SYNERGISTIC MATERIAL: NO

SECTION 12: ECOLOGICAL INFORMATION

TOXICITY

AQUATIC TOXICITY: NO DATA ON THE PRODUCT ITSELF. BASED ON THE COMPONENTS THE PRODUCT IS ACUTELY HARMFUL FOR AQUATIC ORGANISMS.

ACUTE TOXICITY TO FISH- COMPONENTS

PARACHLOROBENZOTRIFLOURIDE	LC50 (96 HRS): 5.6 mg/l	SPECIES: FATHEAD MINNOW
ACETONE	LC50 (2 HRS): 7081 mg/l	SPECIES: FATHEAD MINNOW
1-METHOXY-2-PROPANOL ACETATE	LC50 (96 HRS): 161 mg/l	SPECIES: FATHEAD MINNOW
ETHYL-3-ETHOXYPROPIONATE	LC50 (96 HRS): 55.3 mg/l	SPECIES: FATHEAD MINNOW

ACUTE TOXICITY TO AQUATIC INVERTEBRATES: COMPONENTS

PARACHLOROBENZOTRIFLO	OURIDE EC50 (48 HRS	S): 15 mg/l SP	PECIES: DAPHNIA MAGNA
ACETONE	EC50 (24 HRS	S): >100 mg/l SP	PECIES: DAPHNIA MAGNA
1-METHOXY-2-PROPANOL AC	CETATE EC50 (48 HRS	S): 408 mg/l SP	PECIES: DAPHNIA MAGNA
ETHYL-3-ETHOXYPROPIONA	TE EC50 (48 HRS	S): 479.7 mg/l SP	PECIES: DAPHNIA MAGNA

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS: COMPONENTS

PARACHLOROBENZOTRIFLOURIDE ND ACETONE ND

1-METHOXY-2-PROPANOL ACETATE EC50 (72 HRS): >1000 mg/l SPECIES: GREEN ALGAE ETHYL-3-ETHOXYPROPIONATE EC50 (72 HRS): 114.9 mg/l SPECIES: GREEN ALGAE

TOXICITY TO BACTERIA: COMPONENTS

PARACHLOROBENZOTRIFLOURIDE ND 1ACETONE ND

1-METHOXY-2-PROPANOL ACETATE EC50: > 1000mg/l ACTIVATED SLUDGE ETHYL-3-ETHOXYPROPIONATE EC50: > 5000mg/l ACTIVATED SLUDGE

CHRONIC AQUATIC TOXICITY

CHRONIC TOXICITY TO AQUATIC INVERTEBRATES

LONG LASTING ADVERSE EFFECTS TO AQUATIC ORGANISMS

PERSISTENCE AND DEGRADABILITY

BIODEGRADABILITY: POORLY BIODEGRADABLE. THE PRODUCT IS UNSTABLE IN WATER

BIOACCUMULATIVE POTENTIAL BIOACCUMULATION: ND

MOBILITY IN SOIL

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.

SK-P100 VOC PART A Page 7 of 7

SECTION 14: TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: UN1866, RESIN SOLUTION, FLAMMABLE, (CONTAINS ACETONE), 3, PG II

PACKING GROUP: II DOT PRODUCT RQ LBS (KGS): NA

HAZARD LABEL: FLAMMABLE LIQUID HAZARD PLACARD: FLAMMABLE LIQUID IMO SHIPPING DATA: UN1866, RESIN SOLUTION, FLAMMABLE, (CONTAINS ACETONE), 3, PG II

ICAO/IATA SHIPPING DATA: UN1866, RESIN SOLUTION, FLAMMABLE, (CONTAINS ACETONE), 3, PG II

PASSENGER AIR MAX QUANTITY: 5L PASSENGER PACKING INSTRUCTION: 353
CARGO AIR- MAX QUANTITY: 60L CARGO AIR INSTRUCTION NUMBER: 364

SECTION 15: REGULATORY INFORMATION

VOC: COMPONENT = 210 g/l AS APPLIED (Part of a multi-component system) = 100 g/l

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

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT): NA

SARA TITLE III

SECTION 312 HAZARD CLASS: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED HEALTH HAZARD; FIRE HAZARD.

SECTION 313 LISTED INGREDIENTS: NONE

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

SECTION 16: OTHER INFORMATION

INITIAL ISSUE DATE: MAY 27, 2015 REVISION DATE: PREPARED BY: J.W. ESSIG

HAZARD RATING

HMIS: HEALTH 2 FLAMMABILITY 1 REACTIVITY 1

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

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.