

## SAFETY DATA SHEET

FE1AWH00

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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: EPOXY 100 PART A  
COLOR: WHITE AND TINTS  
MAIN USE: SPECIALTY FLOORING CURATIVE

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

### SECTION 2: HAZARDS IDENTIFICATION

#### GLOBALLY HARMONIZED SYSTEM (GHS)

##### CLASSIFICATION:

SKIN CORROSION: CATEGORY 2

EYE DAMAGE: CATEGORY 1

CARCINOGENICITY: CATEGORY 2

ACUTE TOXICITY, ORAL: CATEGORY 4

ACUTE TOXICITY, INHALATION: CATEGORY 4

#### GHS LABEL ELEMENTS

##### HAZARD PICTOGRAMS



SIGNAL WORD: DANGER!

#### HAZARD STATEMENTS

H302: HARMFUL IF SWALLOWED

H332: HARMFUL IF INHALED

H315: CAUSES SKIN IRRITATION

H318: CAUSES SERIOUS EYE DAMAGE

H351: SUSPECTED OF CAUSING CANCER

H370: CAUSES DAMAGE TO ORGANS: (BLOOD SYSTEM, STOMACH

H472: CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE (KIDNEYS)

#### PRECAUTIONARY STATEMENTS:

##### PREVENTION

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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<b>SECTION 2: HAZARDS IDENTIFICATION CON'T.</b>
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**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 BREATHIN  
 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**

STORE LOCKED UP

**DISPOSAL**

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

**OTHER HAZARDS**

NO DATA AVAILABLE

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
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<u>HAZARDOUS INGREDIENTS</u>	<u>Wt. %</u>	<u>CAS Number</u>
ALIPHATIC AMINE	10-30	TRADE SECRET
2-PROPOXYETHANOL	5-10	002807-30-9
ACETIC ACID	1-5	000064-19-7
TITANIUM DIOXIDE	0-20	013463-67-7
IRON (III) OXIDE	0-10	001309-37-1
CARBON BLACK	0-10	001333-86-4

<b>SECTION 4: FIRST AID MEASURES</b>
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**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:** >93°C (>199°F) – PMCC

**OSHA CLASS:** IIIB

**CONDITIONS OF FLAMMABILITY:** NA

**AUTO IGNITION TEMP.:** NA

**FLAMMABLE LIMITS:** LEL: NE UEL: NE

**SENSITIVITY TO IMPACT:** NONE

**HAZARDOUS COMBUSTION PRODUCTS:** CO, CO<sub>2</sub>, NH<sub>3</sub>, NITROGEN OXIDES CAN BE PRODUCED IF HEATED, BURNED OR REACTED WITH INCOMPATIBLE MATERIALS. NITROGEN OXIDES CAN REACT WITH WATER VAPORS TO FORM CORROSIVE NITRIC ACID.

**SENSITIVITY TO STATIC DISCHARGE:** NONE

**EXTINGUISHING MEDIA:** IN CASE OF FIRE USE: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

**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:** MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS. SUDDEN REACTION AND FIRE MAY RESULT IF PRODUCT IS MIXED WITH AN OXIDIZING AGENT.

### 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

**HANDLING:** AVOID CONTACT WITH SKIN AND EYES. EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE. ADHERE TO WORK PRACTICE RULES ESTABLISHED BY GOVERNMENT REGULATIONS. USE PERSONAL PROTECTIVE EQUIPMENT. WHEN USING DO NOT EAT, DRINK OR SMOKE.

**STORAGE:** KEEP AWAY FROM OXIDIZERS, HEAT OR FLAME. STORE IN STEEL CONTAINERS. DO NOT STORE NEAR ACIDS. KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE.

### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
ALIPHATIC POLYAMINE	NE	NE	NE	NE	
002807-30-9	NE	NE	NE	NE	
000064-19-7	10	25	10	15	
013463-67-7	10mg/m <sup>3</sup>	ND	10mg/m <sup>3</sup>	ND	(SEE NOTE 1)
001309-37-1	5mg/m <sup>3</sup>	ND	5mg/m <sup>3</sup>	ND	(SEE NOTE 1)
001333-86-4	3.5mg/m <sup>3</sup>	ND	3.5mg/m <sup>3</sup>	ND	(SEE NOTE 1)

**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.

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### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**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.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** >100°C (>212°F)

**SPECIFIC GRAVITY:** 1.20-1.30

**VAPOR PRESSURE:** ND

**MELTING POINT:** 0°C (32°F)

**VAPOR DENSITY:** ND  
(AIR = 1)

**EVAPORATION RATE:** ND  
(BUTYL ACETATE = 1)

**SOLUBILITY IN WATER:** <1%

**pH:** NE (ALKALINE)

**COEFFICIENT of WATER/OIL DISTRIBUTION:** ND

**ODOR THRESHOLD:** ND

**APPEARANCE AND ODOR:** PIGMENTED LIQUID. AMMONIACAL ODOR.

**% VOLATILES BY VOLUME:** 71%

**%SOLIDS BY WEIGHT:** 43%

### 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 EPOSURE:** EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION.

**EYES:**

ACUTE – SEVERE IRRITANT. MAY CAUSE BURNS. VAPOR MAY CAUSE LACRIMATION AND REVERSIBLE CORNEAL EDEMA.

CHRONIC– CONJUNCTIVITIS OR CORNEAL DAMAGE.

**SKIN CONTACT:**

ACUTE – UNDILUTED PRODUCT QUICKLY CAUSES IRRITATION. MAY CAUSE CHEMICAL BURNS.

CHRONIC – MAY CAUSE ALLERGIC REACTION/SENSITIZATION, DEFATTING OF SKIN, RASH AND IRRITATION.

**SKIN ABSORPTION:**

ACUTE – ND

CHRONIC – ND

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**SECTION 11: TOXICOLOGICAL INFORMATION CON'T.**

**INHALATION:**

ACUTE – VAPORS MAY CAUSE DAMAGE TO CONTACTED TISSUE AND PRODUCE SCARRING.  
 CHRONIC- REPEATED AND/OR PROLONGED EXPOSURES CAN CAUSE TIGHTNESS OF CHEST, SHORTNESS OF BREATH AND COUGH.

**INGESTION:**

ACUTE – MAY CAUSE IRRITATION AND BLEEDING OF THE GASTROINTESTINAL TRACT  
 CHRONIC – SCARRING OF THE AFFECTED TISSUES MAY OCCUR.

**ACUTE TOXICITY:** NO DATA ON THE PRODUCT ITSELF

**ACUTE ORAL TOXICITY- COMPONENTS**

2-PROPOXYETHANOL LD50: 3090 mg/kg SPECIES: RAT

**ACUTE DERMAL TOXICITY- COMPONENTS**

2-PROPOXYETHANOL LD50: 870 mg/kg SPECIES: RABBIT

**ACUTE INHALATION TOXICITY- COMPONENTS**

2-PROPOXYETHANOL ND

**SKIN CORROSION/IRRITATION**

MILD IRRITATION

**SERIOUS EYE DAMAGE/EYE IRRITATION**

SEVERE EYE IRRITATION

**SENSITIZATION**

ND

**SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)**

CATEGORY 1- (BLOOD SYSTEM, STOMACH)

**SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)**

CATEGORY 1- (KIDNEYS)

**CARCINOGENIC DATA:** NTP: NONE

OSHA: NONE

IARC: 2B

TERATOGENICITY: NONE LISTED

MUTAGENICITY: NONE LISTED

EMBRYOTOXICITY: NONE LISTED

SYNERGISTIC MATERIAL: NONE LISTED

**SECTION 12: ECOLOGICAL INFORMATION**

**TOXICITY**

**AQUATIC TOXICITY:** ND

**PERSISTANCE AND DEGRADABILITY**

**BIODEGRADABILITY:** ND

**BIOACCUMULATIVE POTENTIAL**

**BIOACCUMULATION:** 2-PROPOXYETHANOL- BIOCONCENTRATION POTENTIAL IS LOW

**PARTITION COEFFECIENT:** N-OCTANOL/WATER(LOG P<sub>ow</sub>): 0.08

**MOBILITY IN SOIL:** ND

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**SECTION 13: DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL METHODS:** IF THIS MATERIAL BECOMES A WASTE, IT WOULD NOT BE A HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261). PLACE IN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH LOCAL AND FEDERAL REGULATIONS.

**SECTION 14: TRANSPORT INFORMATION**

<b>DOT PROPER SHIPPING NAME:</b> NOT REGULATED	<b>HAZARD CLASS:</b> NA
<b>UN NUMBER:</b> NA	<b>PACKAGING GROUP:</b> NA
<b>DOT PRODUCT RQ LBS (KGS):</b> NA	<b>HAZARD LABEL:</b> NA
<b>HAZARD PLACARD</b> NA	
<b>IMO SHIPPING DATA:</b> NOT REGULATED	
<b>ICAO/IATA SHIPPING DATA:</b> NOT REGULATED	

**SECTION 15: REGULATORY INFORMATION**

**VOC: COMPONENT:** 63 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: CAS # 013463-67-7, CAS # 001333-86-4

**SECTION 16: OTHER INFORMATION**

**INITIAL ISSUE DATE:** JUNE 25, 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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