

**MATERIAL SAFETY DATA SHEET**

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

**MANUFACTURER'S NAME / ADDRESS**

**ARIZONA POLYMER FLOORING**  
 7731 N. 68<sup>TH</sup> AVE.  
 GLENDALE, AZ 85303

**TRADE NAME:** VAPORSOLVE™ 100 PART A  
**COLOR:** CLEAR  
**MAIN USE:** SPECIALTY FLOORING RESIN

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

**SECTION 2: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** WARNING!  
 CAN CAUSE EYE AND SKIN IRRITATION AND SENSITIZATION  
 MAY CAUSE ALLERGIC SKIN REACTION  
 MAY CAUSE RESPIRATORY TRACT IRRITATION  
 HEATED MATERIAL CAN CAUSE THERMAL BURNS

**PRIMARY ROUTES OF ENTRY:** EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION

**HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)**

**EYES:**

**ACUTE** – MAY CAUSE MILD IRRITATION

**CHRONIC** – ND

**SKIN CONTACT:**

**ACUTE** – TRANSIENT IRRITATION, REDNESS AND DISCOMFORT

**CHRONIC** – REPEATED OR PROLONGED CONTACT MAY CAUSE ALLERGIC REACTION/SENSITIZATION.

**SKIN ABSORPTION:**

**ACUTE** – ND

**CHRONIC** – ND

**INHALATION:**

**ACUTE** – INHALATION OF MISTS MAY CAUSE RESPIRATORY TRACT IRRITATION. COUGHING AND CHEST PAIN MAY RESULT

**CHRONIC** – ND

**INGESTION:**

**ACUTE** – LOW ORDER OF TOXICITY

**CHRONIC** – ND

**CONDITIONS AGGRAVATED BY EXPOSURE:** SKIN DISORDERS AND ALLERGIES

**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENTS</b>	<b>Wt. %</b>	<b>CAS Number</b>
4,4'-ISOPROPYLDIPHENOL-EPICHLOROXYDRIN COPOLYMER	40-70	025068-38-6
PHENOL-FORMALDEHYDE POLYMER GLYCIDAL ETHER	15-40	028064-14-4
O-CRESYL GLYCIDYL ETHER	1-5	002210-79-9

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### 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.

### SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** 93°C (199°F) TCC

**CONDITIONS OF FLAMMABILITY:** NA

**FLAMMABLE LIMITS:** **LEL:** ND **UEL:** ND

**OSHA CLASS:** NOT REGULATED

**AUTO IGNITION TEMP:** ND

**HAZARDOUS COMBUSTION PRODUCTS:** CO, CO<sub>2</sub>, 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.

### 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.

**STORAGE:** AVOID TEMPERATURE EXTREMES. STORE AWAY FROM EXCESSIVE HEAT, FROM SOURCES OF IGNITION AND FROM REACTIVE MATERIALS.

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<b>SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION</b>
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INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
025068-38-6	NE	NE	NE	NE	
028064-14-4	NE	NE	NE	NE	
002210-79-9	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.

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
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<p><b>BOILING POINT:</b> &gt;120°C (199°F)</p> <p><b>VAPOR PRESSURE:</b> &lt; 0.13 kPa @ 20°C (68°F)</p> <p><b>VAPOR DENSITY:</b> ND (AIR = 1)</p> <p><b>SOLUBILITY IN WATER:</b> INSOLUBLE</p> <p><b>COEFFICIENT of WATER/OIL DISTRIBUTION:</b> ND</p> <p><b>APPEARANCE AND ODOR:</b> CLEAR TO HAZY AMBER LIQUID, MILD ODOR</p> <p><b>% VOLATILES BY VOLUME:</b> 0%</p>	<p><b>SPECIFIC GRAVITY:</b> 1.1-1.2</p> <p><b>MELTING POINT:</b> ND</p> <p><b>EVAPORATION RATE:</b> &lt;1 (BUTYL ACETATE = 1)</p> <p><b>pH:</b> NA</p> <p><b>ODOR THRESHOLD:</b> ND</p> <p><b>% SOLIDS BY WEIGHT:</b> 100%</p>
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<b>SECTION 10: STABILITY AND REACTIVITY</b>
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**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<sub>2</sub>

**HAZARDOUS POLYMERIZATION (REACTIVITY):** WILL NOT OCCUR.

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### SECTION 11: TOXICOLOGICAL INFORMATION

**CARCINOGENIC DATA:** NTP: NONE                      OSHA: NONE                      IARC: NONE  
TERATOGENICITY: NO                                      MUTAGENICITY: NO  
EMBRYOTOXICITY: NO                                      SYNERGISTIC MATERIAL: NO

**OVEREXPOSURE EFFECTS:** LACRIMATION OF EYES, SKIN IRRITATION, DIZZINESS.  
IRRITANCY: YES  
SENSITIZER: YES

**ACUTE TOXICITY EFFECTS:** ORAL LD<sub>50</sub>: > 2.0g/kg (Rats); DERMAL LD<sub>50</sub>: > 2.0g/kg (Rabbit); INHALATION: ND

### SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** NOT READILY BIODEGRADABLE

**ECOTOXICITY**

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** NOT A HAZARDOUS WASTE BY RCRA CRITERIA (40 CFR 261). PLACE IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

### SECTION 14: TRANSPORT INFORMATION

**DOT PROPER SHIPPING NAME:** RESIN COMPOUND, NOT REGULATED                      **HAZARD CLASS:** NA

**UN NUMBER:** NA

**PACKAGING GROUP:** NA

**DOT PRODUCT RQ LBS (KGS):** NA

**HAZARD LABEL:** NA

**HAZARD PLACARD** NAA

**IMO SHIPPING DATA:** RESIN COMPOUND, NOT REGULATED

**ICAO/IATA SHIPPING DATA:** RESIN COMPOUND, NOT REGULATED

**ADDITIONAL INFORMATION:** NONE

### SECTION 15: REGULATORY INFORMATION

**VOC: COMPONENT:** 0 grams/Liter                      **AS APPLIED:** 0 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.

