

## MATERIAL SAFETY DATA SHEET

FVSB00

Page 1 of 5

### 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 B  
COLOR: CLEAR  
MAIN USE: EPOXY COATING CURATIVE

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

### SECTION 2: HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** CAUTION!  
RISK OF SERIOUS DAMAGE TO EYES  
HARMFUL IN CONTACT WITH SKIN  
HARMFUL IF SWALLOWED  
CORROSIVE  
KEEP AWAY FROM HEAT AND SOURCES OF IGNITION  
COMPONENTS OF THE PRODUCT MAY EFFECT THE NERVOUS SYSTEM  
SEVERE EYE IRRITANT  
SEVERE SKIN IRRITANT

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

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

##### 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

##### 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.

**CONDITIONS AGGRAVATED BY EXPOSURE:** ASTHMA; BRONCHITIS, EMPHYSEMA; EYE DISEASE; SKIN DISORDERS AND ALLERGIES.

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

IRRITANCY: YES

SENSITIZER: YES

## MATERIAL SAFETY DATA SHEET

FVSB00

Page 2 of 5

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
--

<u>HAZARDOUS INGREDIENTS</u>	<u>Wt. %</u>	<u>CAS Number</u>
PHENALKAMINE	10-30	NJ TSRN 56013900-5024
1,3-CYCLOHEXANEDIMETHANAMINE	10-30	002579-20-6
BENZYL ALCOHOL	10-30	000100-51-6
PHENOL-FORMALDEHYDE POLYMER GLYCIDYL ETHER 1-5		028064-14-4

<b>SECTION 4: FIRST AID MEASURES</b>
--------------------------------------

**GENERAL:** REMOVE AFFECTED PERSON FROM AREA. 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. VICTIMS OF MAJOR SKIN AREA CONTACT SHOULD REMAIN UNDER MEDICAL OBSERVATION FOR 24 HOURS.

**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.

<b>SECTION 5: FIRE FIGHTING MEASURES</b>
--

**FLASH POINT:** 121°C (250°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:** 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:** 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.

## MATERIAL SAFETY DATA SHEET

FVSB00

Page 3 of 5

### 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

**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

**EXPOSURE LIMITS (ppm)**

INGREDIENTS (CAS)	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
NJ TSRN 56013900-5024	NE	NE	NE	NE	
002579-20-6	NE	NE	NE	NE	
000100-51-6	NE	NE	NE	NE	
028064-14-4	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 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 EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** 260°C (500°F)

**SPECIFIC GRAVITY:** 0.96

**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:** AMBER VISCOUS LIQUID. AMMONIACAL ODOR.

**% VOLATILES BY VOLUME:** 0%

**%SOLIDS BY WEIGHT:** 100%

## MATERIAL SAFETY DATA SHEET

FVSB00

Page 4 of 5

### 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

**CARCINOGENIC DATA: NTP:** NONE

**OSHA:** NONE

**IARC:** NONE

**TERATOGENICITY:** NONE LISTED

**MUTAGENICITY:** NONE LISTED

**EMBRYOTOXICITY:** NONE LISTED

**SYNERGISTIC MATERIAL:** NONE LISTED

**ACUTE TOXICITY EFFECTS:** ORAL LD<sub>50</sub> (rats): >2000mg/kg. NO DATA FOR INHALATION EFFECTS.

### SECTION 12: ECOLOGICAL INFORMATION

**ECOLOGICAL INFORMATION:** NOT READILY BIODEGRADABLE

**ECOTOXICITY:** ND

### SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** INCINERATION IS PREFERRED. COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. CHEMICAL AND/OR BIOLOGICAL DEGRADATION IS FEASIBLE.

### SECTION 14: TRANSPORT INFORMATION

**DOT PROPER SHIPPING NAME:**

AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-CYCLOHEXANEDIMETHANAMINE)

**HAZARD CLASS:** 8

**UN NUMBER:** UN 2735

**PACKING GROUP:** III

**IMO SHIPPING DATA:**

UN2735, AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-CYCLOHEXANEDIMETHANAMINE), 8, PG III

**ICAO/IATA SHIPPING DATA:**

UN2735, AMINES, LIQUID, CORROSIVE, N.O.S. (1,3-CYCLOHEXANEDIMETHANAMINE), 8, PG III

### 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.

## MATERIAL SAFETY DATA SHEET

FVSB00

Page 5 of 5

### SECTION 16: OTHER INFORMATION

INITIAL ISSUE DATE: FEBRUARY 19, 2013 REVISION DATE: MARCH 6, 2014 PREPARED BY: J.W. ESSIG

#### HAZARD RATING

HMIS: HEALTH 3 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

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.