

## SAFETY DATA SHEET

FP525A00

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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: POLYURETHANE 525 PRIMER PART A  
CHEMICAL FAMILY: POLYURETHANE EMULSION  
MAIN USE: SPECIALTY FLOOR COATING RESIN

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

### SECTION 2: HAZARDS IDENTIFICATION

#### GLOBALLY HARMONIZED SYSTEM (GHS)

##### CLASSIFICATION:

REPRODUCTIVE TOXICITY: CATEGORY 1B

ACUTE AQUATIC TOXICITY: CATEGORY 1

CHRONIC AQUATIC TOXICITY: CATERGORY 1

#### GHS LABEL ELEMENTS

##### HAZARD PICTOGRAMS



SIGNAL WORD: DANGER!

#### HAZARD STATEMENTS:

H360: MAY DAMAGE FERTILITY OR THE UNBORN CHILD

H410: VERY TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS

#### PRECAUTIONARY STATEMENTS:

##### PREVENTION

P201: OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.

P202: DO NOT HANDLE UNTIL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD

P281: USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED

P273: AVOID RELEASE TO THE ENVIRONMENT

P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE

##### RESPONSE

P264: WASH THOROUGHLY AFTER USE

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

**HIGH PERFORMANCE CONCRETE COATING SYSTEM**

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### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS INGREDIENTS</u>	<u>Wt. %</u>	<u>CAS Number</u>
BUTYL BENZYL PHTHALATE	1-5	000085-68-7

### SECTION 4: FIRST AID MEASURES

**GENERAL:** REMOVE AFFECTED PERSON FROM AREA. TREAT SYMPTOMATICALLY.

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

**SKIN:** WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

**INHALATION:** MOVE TO FRESH AIR. IF BREATHING REMAINS OR BECOMES LABORED, SEEK MEDICAL ATTENTION.

**INGESTION:** GIVE 3 – 4 GLASSES OF MILK OR WATER. **DO NOT INDUCE VOMITING.** SEEK MEDICAL ATTENTION.

### SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** NA

**OSHA CLASS:** NONE SHOWN

**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>,

**SENSITIVITY TO STATIC DISCHARGE:** NONE

**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:** 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.

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.

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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	
000085-68-7	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:** 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.

**PROTECTIVE GLOVES:** NITRILE RUBBER

**EYE PROTECTION:** SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES

**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.

<b>SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES</b>
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<p><b>BOILING POINT:</b> &gt;100°C (&gt;212° F)</p> <p><b>VAPOR PRESSURE:</b> ND</p> <p><b>VAPOR DENSITY:</b> &gt;1 (AIR = 1)</p> <p><b>SOLUBILITY IN WATER:</b> DILUTABLE</p> <p><b>COEFFICIENT of WATER/OIL DISTRIBUTION:</b> ND</p> <p><b>APPEARANCE AND ODOR:</b> MILKY WHITE LIQUID, MILD ODOR</p> <p><b>% VOLATILES BY VOLUME:</b> 75%</p>	<p><b>SPECIFIC GRAVITY:</b> 1.0-1.1</p> <p><b>MELTING POINT:</b> ND</p> <p><b>EVAPORATION RATE:</b> &lt;1 (BUTYL ACETATE = 1)</p> <p><b>pH:</b> 8.0 TO 11.5</p> <p><b>ODOR THRESHOLD:</b> ND</p> <p><b>%SOLIDS BY WEIGHT:</b> 26%</p>
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<b>SECTION 10: STABILITY AND REACTIVITY</b>
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**STABILITY:** STABLE

**CONDITIONS TO AVOID:** AVOID ELEVATED TEMPERATURES

**INCOMPATIBILITY (MATERIAL TO AVOID):** NONE KNOWN

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE KNOWN

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

**CONDITIONS TO AVOID:** KEEP FROM FREEZING

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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

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

**CONDITIONS AGGRAVATED BY EXPOSURE:** NONE KNOWN.

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

**ACUTE ORAL TOXICITY- COMPONENTS**

BUTYL BENZYL PHTHALATE      LD50: 2330 mg/kg      SPECIES: RAT

**ACUTE DERMAL TOXICITY- COMPONENTS**

BUTYL BENZYL PHTHALATE      LD50: > 10000 mg/kg      SPECIES: RABBIT

**ACUTE INHALATION TOXICITY- COMPONENTS**

ND

**SKIN CORROSION/IRRITATION**

RABBIT, NON-IRRITANT

**SERIOUS EYE DAMAGE/EYE IRRITATION**

RABBIT, SLIGHT IRRITATION

**SENSITIZATION**

GUINEA PIG: DOES NOT CAUSE SENSITIZATION

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

NA

**REPRODUCTIVE TOXICITY:**

SUSPECTED OF DAMAGING FERTILITY OR THE UNBORN CHILD. AVOID EXPOSURE TO WOMAN DURING EARLY PREGNANCY.

**CARCINOGENIC DATA:** NTP: NONE

OSHA: NONE

IARC: GROUP 3

TERATOGENICITY: NO

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**

BUTYL BENZYL PHTHALATE      LC50 (96 HRS): 2.1 mg/l      SPECIES: FATHEAD MINNOW

**ACUTE TOXICITY TO AQUATIC INVERTEBRATES: COMPONENTS**

BUTYL BENZYL PHTHALATE      EC50 (48 HRS): 1.8 mg/l      SPECIES: DAPHNIA MAGNA

**ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS: COMPONENTS**

BUTYL BENZYL PHTHALATE      EC50 (72 HRS): 0.31 mg/l      SPECIES: GREEN ALGAE

**TOXICITY TO BACTERIA: COMPONENTS**

ND

**CHRONIC AQUATIC TOXICITY**

**CHRONIC TOXICITY TO AQUATIC INVERTEBRATES**

LONG LASTING ADVERSE EFFECTS TO AQUATIC ORGANISMS

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### SECTION 12: ECOLOGICAL INFORMATION CON'T.

#### PERSISTANCE AND DEGRADABILITY

**BIODEGRADABILITY:** NOT READILY BIODEGRADABLE (BY OECD CRITERIA)

#### BIOACCUMULATIVE POTENTIAL

**BIOACCUMULATION:** ND

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

### 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

**IMO SHIPPING DATA:** NOT REGULATED

**ICAO/IATA SHIPPING DATA:** NOT REGULATED

**ADDITIONAL INFORMATION:** NONE

### SECTION 15: REGULATORY INFORMATION

**VOC: COMPONENT** = 1 gms/Liter      **AS APPLIED** (Part of a multi-component system) = 46 gms/Liter

**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:** SLIGHT 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 # 85-68-7 BUTYL BENZYL PHTHALATE.

