

**SAFETY DATA SHEET**

FP5A00X

Page 1 of 5

**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 500 SATIN 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:** NOT CLASSIFIED AS HAZARDOUS

**GHS LABEL ELEMENTS:** NOT APPLICABLE

**SIGNAL WORD:** NONE

**HAZARD STATEMENTS:** NONE

**PRECAUTIONARY STATEMENTS:** NONE

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

<b>HAZARDOUS INGREDIENTS</b>	<b>Wt. %</b>	<b>CAS Number</b>
SILICON DIOXIDE (AMORPHOUS)	1-5	112945-52-5

**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:** POLYMER FILM CAN BURN, MATERIAL CAN SPLATTER ABOVE 100°C

## SAFETY DATA SHEET

FP5A00X

Page 2 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

**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.

### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
112945-52-5	NE	NE	NE	NE	

**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.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> >100°C (>212° F)	<b>SPECIFIC GRAVITY:</b> 1.0-1.1
<b>VAPOR PRESSURE:</b> ND	<b>MELTING POINT:</b> ND
<b>VAPOR DENSITY:</b> >1 (AIR = 1)	<b>EVAPORATION RATE:</b> <1 (BUTYL ACETATE = 1)
<b>SOLUBILITY IN WATER:</b> DILUTABLE	<b>pH:</b> 8.0 TO 11.5
<b>COEFFICIENT of WATER/OIL DISTRIBUTION:</b> ND	<b>ODOR THRESHOLD:</b> ND
<b>APPEARANCE AND ODOR:</b> MILKY WHITE LIQUID, MILD ODOR	
<b>% VOLATILES BY VOLUME:</b> 68%	<b>% SOLIDS BY WEIGHT:</b> 35%

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE

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

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE KNOWN

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

**CONDITIONS TO AVOID:** KEEP FROM FREEZING

## SAFETY DATA SHEET

FP5A00X

Page 3 of 5

### SECTION 11: TOXICOLOGICAL INFORMATION

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

**EYES:**

ACUTE – MAY CAUSE MILD IRRITATION WITH BLURRED VISION.

CHRONIC– ND

**SKIN CONTACT:**

ACUTE – TRANSIENT IRRITATION AND REDNESS.

CHRONIC – ND

**SKIN ABSORPTION:**

ACUTE – ND

CHRONIC – ND

**INHALATION:**

ACUTE – INHALATION OF MISTS MAY CAUSE MILD RESPIRATORY TRACT IRRITATION.

CHRONIC – EXCESSIVE EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION OF EYES, NOSE AND THROAT.

**INGESTION:**

ACUTE – MAY CAUSE MILD IRRITATION OF GASTRO-INTESTINAL TRACT

CHRONIC – ND

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

**OVEREXPOSURE EFFECTS:** IRRITATION

IRRITANCY: YES - REVERSIBLE

SENSITIZER: NO

**ACUTE TOXICITY**

**ACUTE ORAL TOXICITY**

LD50, RAT >5,000 mg/kg

**SKIN CORROSION/IRRITATION**

RABBIT, NON-IRRITANT

**SERIOUS EYE DAMAGE/EYE IRRITATION**

RABBIT, SLIGHT IRRITATION

**CARCINOGENIC DATA:** NTP: NONE

OSHA: NONE

IARC: NONE

TERATOGENICITY: NO

MUTAGENICITY: NO

EMBRYOTOXICITY: NO

SYNERGISTIC MATERIAL: NO

### SECTION 12: ECOLOGICAL INFORMATION

**TOXICITY**

**ACUTE TOXICITY TO FISH**

LC50(96 HR): >100mg/l, DANIO RERIO (ZEBRA FISH)

**ACUTE TOXICITY TO AQUATIC INVERTEBRATES**

EC50( 48 HR): 70.7 mg/l, DAPHNIA MAGNA (WATER FLEA),

**ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS**

ND

**TOXICITY TO BACTERIA**

EC50: > 10,000mg/l

ACTIVATED SLUDGE

## SAFETY DATA SHEET

FP5A00X

Page 4 of 5

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

#### PERSISTENCE AND DEGRADABILITY

**BIODEGRADABILITY:** NOT READILY BIODEGRADABLE

**BIODEGRADATION:** 60%

**EXPOSURE TIME:** 28 DAYS

**METHOD:** OECD TEST GUIDELINE 302B OR EQUIVALENT

### 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:** NOT REGULATED

**HAZARD CLASS:** NA

**UN NUMBER:** NA

**PACKAGING GROUP:** NA

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

**HAZARD LABEL:** NA

**HAZARD PLACARD:** NA

**ADDITIONAL INFORMATION:** NONE

### SECTION 15: REGULATORY INFORMATION

**VOC: COMPONENT** = 17 gms/Liter      **AS APPLIED** (Part of a multi-component system) = 50 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: NONE

**SAFETY DATA SHEET**

FP5A00X

Page 5 of 5

**SECTION 16: OTHER INFORMATION**

**INITIAL ISSUE DATE:** JUN 18, 2015

**REVISION DATE:**

**PREPARED BY:** J.W. ESSIG

**HAZARD RATING**

**HMIS:**                                 **HEALTH    1                    FLAMMABILITY    0                    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.