

SAFETY DATA SHEET

FPROHIBIT

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: APF LIQUID RETARDER
COLOR: CLEAR
MAIN USE: ADDITIVE

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

SECTION 2: HAZARDS IDENTIFICATION

GLOBALLY HARMONIZED SYSTEM (GHS)

CLASSIFICATION: HAZARDOUS

SERIOUS EYE IRRITATION: CATEGORY 2A

SKIN IRRITATION: CATEGORY 3

GHS LABEL ELEMENTS

HAZARD PICTOGRAMS



SIGNAL WORD: WARNING!

HAZARD STATEMENTS:

H316: CAUSES MILD SKIN IRRITATION

H319: CAUSES SERIOUS EYE IRRITATION

PRECAUTIONARY STATEMENTS:

PREVENTION

P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION

P264: WASH SKIN THOROUGHLY AFTER HANDLING

RESPONSE

P303+P353+P361: **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 BREATHING

P301+P331: **IF SWALLOWED:** RINSE MOUTH. DO NOT INDUCE VOMITING

P337+P313: IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION

OTHER HAZARDS

NO DATA AVAILABLE

SAFETY DATA SHEET

FPROHIBIT

Page 2 of 5

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>HAZARDOUS INGREDIENTS</u>	<u>Wt. %</u>	<u>CAS Number</u>
GLUCOHEPTONIC ACID, SODIUM SALT	15-40	031138-65-5
SODIUM-O-PHENYLPHENATE TETRAHYDRATE	0.1-1.0	006152-33-6

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, CO₂,

SENSITIVITY TO STATIC DISCHARGE: NONE

EXTINGUISHING MEDIA: WATER, CO₂, 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 SKIN AND EYE CONTACT, INHALATION AND INGESTION. WASH HANDS THOROUGHLY AFTER USE.

STORAGE: STORE BETWEEN 40°F AND 100°F, PROTECTED FROM FROST AND DIRECT SUNLIGHT.

SAFETY DATA SHEET

FPROHIBIT

Page 3 of 5

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
031138-65-5	NE	NE	NE	NE	
007732-18-5	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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >100°C (>212° F)	SPECIFIC GRAVITY: 1.0-1.1
VAPOR PRESSURE: ND	MELTING POINT: ND
VAPOR DENSITY: >1 (AIR = 1)	EVAPORATION RATE: <1 (BUTYL ACETATE = 1)
SOLUBILITY IN WATER: DILUTABLE	pH: 8.0 TO 11.5
COEFFICIENT of WATER/OIL DISTRIBUTION: ND	ODOR THRESHOLD: ND
APPEARANCE AND ODOR: CLEAR BROWN LIQUID, SLIGHT AMMONIACAL ODOR	
% VOLATILES BY VOLUME: 60%	% SOLIDS BY WEIGHT: 40%

SECTION 10: STABILITY AND REACTIVITY

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

SAFETY DATA SHEET

FPROHIBIT

Page 4 of 5

SECTION 11: TOXICOLOGICAL INFORMATION

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

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

CHRONIC– CONJUNCTIVITIS OR CORNEAL DAMAGE.

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: NO DATA ON THE PRODUCT ITSELF

ACUTE ORAL TOXICITY- ND

ACUTE DERMAL TOXICITY- ND

ACUTE INHALATION TOXICITY- ND

SKIN CORROSION/IRRITATION

IRRITANT

SERIOUS EYE DAMAGE/EYE IRRITATION

SEVERE IRRITANT

SENSITIZATION

ND

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)

ND

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)

ND

CARCINOGENIC DATA: NTP: NONE

OSHA: NONE

IARC: NONE

TERATOGENICITY: NO

MUTAGENICITY: NO

EMBRYOTOXICITY: NO

SYNERGISTIC MATERIAL: NO

TOXICITY

AQUATIC TOXICITY: ND

PERSISTANCE AND DEGRADABILITY

BIODEGRADABILITY: ND

BIOACCUMULATIVE POTENTIAL- ND

MOBILITY IN SOIL: ND

HIGH PERFORMANCE CONCRETE COATING SYSTEM



SAFETY DATA SHEET

FPROHIBIT

Page 5 of 5

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: DILUTED PRODUCT CAN BE FLUSHED TO SANITARY SEWER. DISCARD EMPTY CONTAINER IN TRASH. DISPOSE OF WASTE IN ACCORDANCE WITH 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: 0 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

SECTION 16: OTHER INFORMATION

INITIAL ISSUE DATE: NOVEMBER 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

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HIGH PERFORMANCE CONCRETE COATING SYSTEM