

## SAFETY DATA SHEET

APFSLURRYFILLER

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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: APF SLURRY FILLER  
CHEMICAL FAMILY: CRYSTALLINE SILICA  
MAIN USE: AGGREGATE FOR SPECIALTY FLOORING

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

### SECTION 2: HAZARDS IDENTIFICATION

#### GLOBALLY HARMONIZED SYSTEM (GHS)

CLASSIFICATION: HAZARDOUS  
CARCINOGENICITY: CATEGORY 1A  
STOT (REPEATED EXPOSURE): CATEGORY 1

#### GHS LABEL ELEMENTS

#### HAZARD PICTOGRAMS



SIGNAL WORD: DANGER!

#### HAZARD STATEMENTS:

H350: MAY CAUSE CANCER  
H371: CAUSES DAMAGE TO LUNGS THROUGH PROLONGED OR REPEATED EXPOSURE BY INHALATION

#### PRECAUTIONARY STATEMENTS:

##### PREVENTION

P202: DO NOT HANDLE UNTIL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD  
P260: DO NOT BREATHE DUST  
P270: DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT  
P280: WEAR PROTECTIVE GLOVES/ PROTECTIVE CLOTHING/ EYE PROTECTION/ FACE PROTECTION  
P284: IN CASE OF INADEQUATE VENTILATION WEAR RESPIRATORY PROTECTION

##### RESPONSE

P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.  
P314: GET MEDICAL ADVICE/ATTENTION IF YOU FEEL UNWELL

##### STORAGE

P405: STORE LOCKED UP

##### DISPOSAL

P501: DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT

#### OTHER HAZARDS

NO DATA AVAILABLE

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**EMERGENCY OVERVIEW:** MATERIAL HAS NO ODOR AND IS NOT FLAMMABLE. IT DOES NOT CAUSE BURNS OR SEVERE SKIN OR EYE IRRITATION. A SINGLE EXPOSURE WILL NOT RESULT IN SERIOUS ADVERSE HEALTH EFFECTS. CRYSTALLINE SILICA IS NOT KNOWN TO BE AN ENVIRONMENTAL HAZARD PERSONAL PROTECTIVE EQUIPMENT- RESPIRATOR- IS NOT REQUIRED UNLESS THE CONCENTRATION OF RESPIRABLE SILICA DUSTS EXCEEDS APPLICABLE OCCUPATIONAL EXPOSURE LEVELS.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	Wt %	CAS Number
CRYSTALLINE SILICA	60-100	014808-60-7

### SECTION 4: FIRST AID MEASURES

**GENERAL:** SILICA POSES LITTLE IMMEDIATE HAZARD.

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. AVOID RUBBING. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

**SKIN:** ND

**INHALATION:** NO SPECIFIC FIRST AID IS NECESSARY SINCE THE ADVERSE EFFECTS ASSOCIATED WITH INHALATION OF SILICA RESULT FROM CHRONIC EXPOSURES. IF THERE IS A GROSS INHALATION OF SILICA, REMOVE AFFECTED PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION IF COUGHING OR OTHER SYMPTOMS DO NOT SUBSIDE.

**INGESTION:** ND

### SECTION 5: FIRE FIGHTING MEASURES

**FLASH POINT:** NONE

**CONDITIONS OF FLAMMABILITY:** NA

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

**OSHA CLASS:** NOT REGULATED

**AUTO IGNITION TEMP:** ND

**HAZARDOUS COMBUSTION PRODUCTS:** NONE

**SENSITIVITY TO IMPACT:** ND

**SENSITIVITY TO STATIC DISCHARGE:** ND

**EXTINGUISHING MEDIA:** NA

**SPECIAL FIRE FIGHTING PROCEDURES:** NOT IGNITABLE

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS:** NA

### SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** USE DUSTLESS METHODS (VACUUM) AND PLACE IN CLOSABLE CONTAINERS FOR DISPOSAL. WEAR PROTECTIVE EQUIPMENT AS SHOWN IN SECTION 8.

### SECTION 7: HANDLING AND STORAGE

**GENERAL:** AVOID GENERATING AND BREATHING DUST. USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED. WASH THOROUGHLY AFTER HANDLING.

**STORAGE:** STORE IN COOL, DRY SPACES. HANDLE IN MANNERS WHICH PREVENT DUST.

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### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>		OTHER
	OSHA	ACGIH	
	TWA	STEL	
014808-60-7	0.1mg/m <sup>3</sup>	ND	Respirable Dust

**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.**

**RESPIRATORY PROTECTION:** NONE AS REQUIRED. NIOSH-MSHA APPROVED RESPIRATORS (PAPER DISPOSABLE; ½ OR FULL FACE PIECE AIR PURIFYING; SUPPLIED AIR – DEPENDENT UPON PEL LEVELS).  
 <5X PEL – ANY DUST RESPIRATOR.  
 5<10X PEL – ANY DUST RESPIRATOR (EXCEPT SINGLE USE OR ¼ MASK). ANY FUME OR HIGH EFFICIENCY PARTICULATE FILTER RESPIRATOR.  
 10<50X PEL – HIGH EFFICIENCY PARTICULATE FILTER RESPIRATOR WITH FULL FACE PIECE.  
 50<500X PEL – POWERED AIR-PURIFYING RESPIRATOR WITH PARTICULATE FILTER.  
 >500X PEL - SELF-CONTAINED BREATHING APPARATUS.

**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.

**ENGINEERING CONTROLS:** NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> 2230 <sup>o</sup> C (4046 <sup>o</sup> F)	<b>SPECIFIC GRAVITY:</b> 2.45
<b>VAPOR PRESSURE:</b> NA	<b>MELTING POINT:</b> NA
<b>VAPOR DENSITY:</b> NA (AIR = 1)	<b>EVAPORATION RATE:</b> NA (BUTYL ACETATE = 1)
<b>SOLUBILITY IN WATER:</b> INSOLUBLE	<b>pH:</b> ND
<b>COEFFICIENT of WATER/OIL DISTRIBUTION:</b> ND	<b>ODOR THRESHOLD:</b> ND
<b>APPEARANCE AND ODOR:</b> TAN COLORED GRANULAR POWDER, NO DISTINCT ODOR.	
<b>% VOLATILES BY VOLUME:</b> 0%	<b>%SOLIDS BY WEIGHT:</b> 100%

### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE;

**CONDITIONS TO AVOID:** NOT APPLICABLE (MATERIAL IS STABLE)

**INCOMPATIBILITY (MATERIAL TO AVOID):** HYDROFLUORIC ACID, FLUORINE, CHLORINE TRIFLUORIDE OR OXYGEN DIFLUORIDE

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE

**HAZARDOUS POLYMERIZATION (REACTIVITY):** SILICA WILL DISSOLVE IN HYDROFLUORIC ACID TO GIVE SILICON TETRAFLUORIDE, A CORROSIVE GAS.

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### SECTION 11: TOXICOLOGICAL INFORMATION

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

**EYES:**

**ACUTE** – MAY CAUSE IRRITATION OR INFLAMMATION. ABRASIVE TO EYES.

**CHRONIC** – – ND

**SKIN CONTACT:**

**ACUTE** – ND

**CHRONIC** – ND

**SKIN ABSORPTION:**

**ACUTE** – ND

**CHRONIC** – ND

**INHALATION:**

**ACUTE** – MAY CAUSE IRRITATION.

**CHRONIC** – PERSISTENT COUGH. SHORTNESS OF BREATH. MAY CAUSE SILICOSIS, A FIBROSIS (SCARRING) OF THE LUNGS

**INGESTION:**

**ACUTE** – ND

**CHRONIC** – ND

**CONDITIONS AGGRAVATED BY EXPOSURE:** PROLONGED INHALATION OF ANY DUST PARTICULATE MAY AGGRAVATE RESPIRATORY MEDICAL CONDITIONS.

**ACUTE TOXICITY**

**ACUTE ORAL TOXICITY:** ND

**SKIN CORROSION/IRRITATION**

REPEATED OR PROLONGED SKIN CONTACT MAY LEAD TO IRRITATION

**SERIOUS EYE DAMAGE/EYE IRRITATION**

MAY BE AN EYE IRRITANT. EXPOSURE TO THE DUST MAY CAUSE DISCOMFORT DUE TO PARTICULATE NATURE. MAY CAUSE PHYSICAL IRRITATION TO THE EYES

**SENSITIZATION**

NON-SENSITIZER

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

NA

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

CATEGORY 1, INHALATION, RESPIRATORY TRACT

**CARCINOGENIC DATA:**

**NTP:** YES

**OSHA:** NO

**IARC:** YES (1A)

TERATOGENICITY: ND

MUTAGENICITY: ND

EMBRYOTOXICITY: ND

SYNERGISTIC MATERIAL: ND

**OVEREXPOSURE EFFECTS:** REPEATED, PROLONGED INHALATION OF EXCESSIVE QUANTITIES OF QUARTZ DUST MAY RESULT IN DELAYED LUNG DISEASE (SILICOSIS).

IRRITANCY: YES

SENSITIZER: NO

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### SECTION 12: ECOLOGICAL INFORMATION

#### TOXICITY

ACUTE TOXICITY TO FISH: ND

ACUTE TOXICITY TO AQUATIC INVERTEBRATES: ND

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS: ND

TOXICITY TO BACTERIA: ND

#### PERSISTANCE AND DEGRADABILITY

##### BIOACCUMULATIVE POTENTIAL

BIOACCUMULATION: ND

MOBILITY IN SOIL: ND

### SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: DISPOSE IN ACCORDANCE WITH LOCAL, STATE & FEDERAL 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 = 0 gms/Liter AS APPLIED (Part of a multi-component system) = 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: HAZARDOUS SUBSTANCE WITH DELAYED HEALTH EFFECTS.

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 # 14808-60-7

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<b>SECTION 16: OTHER INFORMATION</b>
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**INITIAL ISSUE DATE:** AUGUST 20, 2015

**REVISION DATE:**

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

**HAZARD RATING**

**HMIS:**    **HEALTH**    **3**                      **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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