

## SAFETY DATA SHEET

FCASCRTCBAG\_\_

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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:** CASTORCRETE® TOPCOAT PART D  
**CHEMICAL FAMILY:** CEMENT BASED AGGREGATE  
**MAIN USE:** AGGREGATE FOR SPECIALTY FLOORING

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

### SECTION 2: HAZARDS IDENTIFICATION

**GLOBALLY HARMONIZED SYSTEM (GHS)**

**CLASSIFICATION:** HAZARDOUS  
**SKIN CORROSION:** CATEGORY 1A  
**EYE DAMAGE:** CATEGORY 1  
**SKIN SENSITIZATION:** SUB-CATEGORY 1B

**GHS LABEL ELEMENTS**  
**HAZARD PICTOGRAMS**



**SIGNAL WORD:** DANGER!

**HAZARD STATEMENTS:**

H314: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE  
 H317: MAY CAUSE AN ALLERGIC SKIN REACTION  
 H335: MAY CAUSE RESPIRATORY TRACT IRRITATION

**PRECAUTIONARY STATEMENTS:**

**PREVENTION**

P202: DO NOT HANDLE UNTIL SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD  
 P260: DO NOT BREATHE DUST  
 P270: DO NO EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT  
 P272: CONTAMINATED WORK CLOTHING SHOULD NOT BE ALLOWED OUT OF THE WORKPLACE  
 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.  
 P303+P361+353: **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 BREATHIN  
 P301+P331: IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING  
 P337+P313: IF EYE IRRITATION PERSISTS: GET MEDICAL ADVICE/ATTENTION  
 P333+P313: IF SKIN IRRITATION OR RASH OCCURS: GET MEDICAL ADVICE/ATTENTION  
 P361+P364: TAKE OFF CONTAMINATED CLOTHING AND WASH BEFORE REUSE

**HIGH PERFORMANCE CONCRETE COATING SYSTEM**

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**STORAGE**

P403+P235: STORE IN A WELL-VENTILATED PLACE. KEEP COOL

**DISPOSAL**

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

**OTHER HAZARDS**

NO DATA AVAILABLE

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
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<b>HAZARDOUS INGREDIENTS</b>	<b>Wt %</b>	<b>CAS Number</b>
PORTLAND CEMENT	60-100	065997-15-1
CALCIUM HYDROXIDE	15-30	001305-62-0

<b>SECTION 4: FIRST AID MEASURES</b>
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**GENERAL:** IN DRY FORM THE POWDER POSES LITTLE IMMEDIATE HAZARD. EXPOSURE OF SUFFICIENT DURATION TO WET MATERIAL CAN CAUSE TISSUE DAMAGE.

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

**SKIN:** WASH WITH MILD SOAP AND WATER. SEEK MEDICAL TREATMENT WITH LONG EXPOSURES TO WET PRODUCT.

**INHALATION:** REMOVE AFFECTED PERSON TO FRESH AIR. SEEK MEDICAL ATTENTION IF COUGHING OR OTHER SYMPTOMS DO NOT SUBSIDE.

**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>
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**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

**FLASH POINT:** NA

**OSHA CLASS:** NONE SHOWN

<b>SECTION 6: ACCIDENTAL RELEASE MEASURES</b>
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**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** USE DUSTLESS METHODS (VACUUM) AND PLACE IN CLOSABLE CONTAINERS FOR DISPOSAL. SCRAPE UP WET MATERIAL AND PLACE IN CONTAINERS. ALLOW TO DRY BEFORE DISPOSAL. WEAR PROTECTIVE EQUIPMENT AS SHOWN IN SECTION 8.

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### 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.

### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
065997-15-1	10mg/m <sup>3</sup>	ND	10mg/m <sup>3</sup>	ND	Respirable Dust
001305-62-0	5mg/m <sup>3</sup>	ND	5mg/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.**

### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

**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

**BOILING POINT:** 2230°C (4046°F)

**SPECIFIC GRAVITY:** 2.45

**VAPOR PRESSURE:** NA

**MELTING POINT:** NA

**VAPOR DENSITY:** NA  
(AIR = 1)

**EVAPORATION RATE:** NA  
(BUTYL ACETATE = 1)

**SOLUBILITY IN WATER:** VERY SLIGHT

**pH:** 8-11.5

**COEFFICIENT of WATER/OIL DISTRIBUTION:** ND

**ODOR THRESHOLD:** ND

**APPEARANCE AND ODOR:** COLORED GRANULAR POWDER, NO DISTINCT ODOR.

**% VOLATILES BY VOLUME:** 0%

**% SOLIDS BY WEIGHT:** 100%

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### SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE;

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

**INCOMPATIBILITY (MATERIAL TO AVOID):** VERY STRONG OXIDIZING AGENTS MAY CAUSE FIRES.  
AVOID ACIDS AND AMMONIUM SALTS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** WATER PRODUCES HYDRATION AND FORMATION OF  
CAUSTIC CALCIUM HYDROXIDE.

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

### 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** – REPEATED CONTACT MAY CAUSE CHEMICAL BURNS RESULTING IN CORNEAL DAMAGE

**SKIN CONTACT:**

**ACUTE** – IRRITATION/DISCOMFORT MAY OCCUR.

**CHRONIC** – (CAUSTIC) CHEMICAL BURNS CAN OCCUR.

**SKIN ABSORPTION:**

**ACUTE** – ND

**CHRONIC** – ND

**INHALATION:**

**ACUTE** – MAY CAUSE IRRITATION. COUGHING OR SHORTNESS OF BREATH MAY RESULT

**CHRONIC** – PERSISTENT COUGH. SHORTNESS OF BREATH.

**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**

DOT SKIN CORROSION STUDY: CORROSIVE IN ALL RABBITS AT 3 MINUTES EXPOSURE

**SERIOUS EYE DAMAGE/EYE IRRITATION**

SEVERE EYE IRRITATION

**SENSITIZATION**

FOR SKIN SENSITIZATION:

MAY CAUSE AN ALLERGIC REACTION AFTER A SINGLE EXPOSURE OR WITH REPEATED OR PROLONGED  
SKIN CONTACT

FOR RESPIRATORY SENSITIZATION:

NOT CLASSIFIED BUT POSSIBLE DUE TO SKIN SENSITIZATION EFFECT

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### SECTION 11: TOXICOLOGICAL INFORMATION CON'T.

#### SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

CATEGORY 3, INHALATION AND SKIN CONTACT, RESPIRATORY TRACT IRRITATION, SKIN IRRITATION

#### SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)

ND

**CARCINOGENIC DATA:** NTP: NONE

OSHA: NONE

IARC: NONE

TERATOGENICITY: ND

MUTAGENICITY: ND

EMBRYOTOXICITY: ND

SYNERGISTIC MATERIAL: ND

**OVEREXPOSURE EFFECTS:** WET CEMENT CAN CAUSE ALKALI BURNS AND DRY THE SKIN. DUST MAY CAUSE EYE AND NOSE INFLAMMATION.

IRRITANCY: YES

SENSITIZER: YES

### 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

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**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: NONE

**SECTION 16: OTHER INFORMATION**

**INITIAL ISSUE DATE:** AUGUST 30, 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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