

## SAFETY DATA SHEET

FCEMSEALWH00

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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: CEMSEAL**  
**COLOR: WHITE AND TINTS**  
**MAIN USE: SPECIALTY FLOOR COATING**

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

### SECTION 2: HAZARDS IDENTIFICATION

**GLOBALLY HARMONIZED SYSTEM (GHS)**

**CLASSIFICATION: HAZARDOUS**  
**CARCINOGENICITY: CATEGORY 2**

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



**SIGNAL WORD: WARNING!**

**HAZARD STATEMENTS:**

H351: SUSPECTED OF CAUSING CANCER

**PRECAUTIONARY STATEMENTS:**

**PREVENTION**

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

**RESPONSE**

P308+P313: IF EXPOSED OR CONCERNED: GET MEDICAL ADVICE/ATTENTION.

**DISPOSAL**

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

**OTHER HAZARDS**

NO DATA AVAILABLE

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARDOUS INGREDIENTS**

| HAZARDOUS INGREDIENTS                | Wt. %   | CAS Number  |
|--------------------------------------|---------|-------------|
| TRIMETHYLPENTANEDIOL MONOISOBUTYRATE | 1.0-5.0 | 025265-77-4 |
| TITANIUM DIOXIDE                     | 0-20    | 013463-67-7 |
| IRON (III) OXIDE                     | 0-10    | 001309-37-1 |
| CARBON BLACK                         | 0-10    | 001333-86-4 |

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### 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

### 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 |              |
| 025265-77-4       | NE                           | NE   | NE                   | NE   |              |
| 013463-67-7       | 10mg/m <sup>3</sup>          | ND   | 10mg/m <sup>3</sup>  | ND   | (SEE NOTE 1) |
| 001309-37-1       | 5mg/m <sup>3</sup>           | ND   | 5mg/m <sup>3</sup>   | ND   | (SEE NOTE 1) |
| 001333-86-4       | 3.5mg/m <sup>3</sup>         | ND   | 3.5mg/m <sup>3</sup> | ND   | (SEE NOTE 1) |

**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.

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### SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION CON'T.

**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:** 1.2-1.3

**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:** PIGMENTED LIQUID, MILD ODOR

**% VOLATILES BY VOLUME:** 62%

**%SOLIDS BY WEIGHT:** 50%

### 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

### 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

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**SECTION 11: TOXICOLOGICAL INFORMATION**

**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- COMPONENTS**

TRIMETHYLPENTANEDIOL MONOISOBUTYRATE LD50: 3400 mg/kg SPECIES: RAT

**ACUTE INHALATION TOXICITY- COMPONENTS**

TRIMETHYLPENTANEDIOL MONOISOBUTYRATE OECD TEST GUIDELINE 403  
 LC50(4 HR): 4.224 mg/l SPECIES: RAT

**ACUTE DERMAL TOXICITY- COMPONENTS**

ND

**SKIN CORROSION/IRRITATION**

RABBIT, NON-IRRITANT

**SERIOUS EYE DAMAGE/EYE IRRITATION**

RABBIT, NON-IRRITANT

**CARCINOGENIC DATA:** NTP: NONE

OSHA: NONE

IARC: 2B

TERATOGENICITY: NO

MUTAGENICITY: NO

EMBRYOTOXICITY: NO

SYNERGISTIC MATERIAL: NO

**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**

**BIODEGRADABILITY:** READILY BIODEGRADABLE (BY OECD CRITERIA)

**BIOACCUMULATIVE POTENTIAL**

**BIOACCUMULATION:** NOT BIOACCUMULATIVE

**MOBILITY IN SOIL:** ND

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**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**

|  |                            |
|--|----------------------------|
| <b>DOT PROPER SHIPPING NAME:</b> NOT REGULATED | <b>HAZARD CLASS:</b> NA    |
| <b>UN NUMBER:</b> NA                           | <b>PACKAGING GROUP:</b> NA |
| <b>DOT PRODUCT RQ LBS (KGS):</b> NA            | <b>HAZARD LABEL:</b> NA    |
| <b>HAZARD PLACARD:</b> NA                      |                            |
| <b>ADDITIONAL INFORMATION:</b> NONE            |                            |

**SECTION 15: REGULATORY INFORMATION**

**MATERIAL VOC** = 41 gram / liter **COATING VOC** = 97 gram/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 # 013463-67-7, CAS # 001333-86-4

**SECTION 16: OTHER INFORMATION**

**INITIAL ISSUE DATE:** JUNE 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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