

## SAFETY DATA SHEET

<b>SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY</b>
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**MANUFACTURER'S NAME / ADDRESS**

**ARIZONA POLYMER FLOORING**  
 4565 W. WATKINS ST.  
 PHOENIX, AZ 85043

**TRADE NAME:** CEM-SEAL  
**COLOR:** WHITE AND TINTS  
**MAIN USE:** SPECIALTY FLOOR COATING

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

<b>SECTION 2: HAZARDS IDENTIFICATION</b>
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**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

<b>SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS</b>
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<b>HAZARDOUS INGREDIENTS</b>	<b>Wt. %</b>	<b>CAS Number</b>
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

**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

**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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