

SAFETY DATA SHEET

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

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

TRADE NAME: S-5000 CEM-DYE® W
CHEMICAL FAMILY: WATERBASED COLORANT SOLUTION
MAIN USE: DYE FOR CEMENTITIOUS SUBSTRATES

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

SECTION 2: HAZARDS IDENTIFICATION
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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

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
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HAZARDOUS INGREDIENTS	Wt. %	CAS Number
GLYCOL ETHER EP	0-30	002807-30-9
GLYCOL ETHER DB	0-15	000112-34-5
PROPYLENE GLYCOL ETHER DPM	0-15	034590-94-8
PROPYLENE GLYCOL USP	0-5	000057-55-6
ETHYL LACTATE	0-5	000097-64-3
CHROMIUM AS Cr+3 (COMPLEXED IN DYE MOLECULE)	0-5	007440-47-3

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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, 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 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	
002807-30-9	NE	NE	NE	NE	
000112-34-5	50	NE	20	NE	
034590-94-8	100	NE	100	NE	
000057-55-6	NE	NE	NE	NE	
000097-64-3	NE	NE	NE	NE	
007440-47-3	0.5mg/m ³	NE	0.5mg/m ³	NE	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: 0.95-1.05

VAPOR PRESSURE: ND

MELTING POINT: ND

VAPOR DENSITY: >1
(AIR = 1)

EVAPORATION RATE: <1
(BUTYL ACETATE = 1)

SOLUBILITY IN WATER: DILUTABLE

pH: ND

COEFFICIENT of WATER/OIL DISTRIBUTION: ND

ODOR THRESHOLD: ND

APPEARANCE AND ODOR: VARIOUS COLORED LIQUID, MILD ODOR

% VOLATILES BY VOLUME: 90%

%SOLIDS BY WEIGHT: 11%

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

LD50, RAT >5,000 mg/kg

SKIN CORROSION/IRRITATION

RABBIT, NON-IRRITANT

SERIOUS EYE DAMAGE/EYE IRRITATION

RABBIT, SLIGHT IRRITATION

CARCINOGENIC DATA: NTP: NONE OSHA: NONE IARC: GROUP 3 UNCLASSIFIABLE
ON HUMAN CARCINOGENICITY

TERATOGENICITY: NO

MUTAGENICITY: NO

EMBRYOTOXICITY: NO

SYNERGISTIC MATERIAL: NO

ACUTE TOXICITY EFFECTS: ND

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

PERSISTENCE AND DEGRADABILITY

BIODEGRADABILITY

ND

SECTION 13: DISPOSAL CONSIDERATIONS

CONTAIN- DO NOT RELEASE: DO NOT RELEASE INTO SEWERS, WATER SYSTEMS, GROUND SYSTEMS OR ECOSYSTEMS WITHOUT PROPER AUTHORIZATION

WASTE DISPOSAL METHODS: INCINERATE, TREAT OR BURY (LANDFILL), AFTER SAMPLING AND TESTING, AT A FACILITY APPROVED BY APPLICABLE FEDERAL, STATE AND LOCAL AUTHORITIES.

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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: < 850 g/l

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: OCTOBER 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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