

SAFETY DATA SHEET

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: 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
--

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	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

SAFETY DATA SHEET

S-5000 CEM-DYE W

Page 2 of 5

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.

SAFETY DATA SHEET

S-4000 ACID STAIN

Page 3 of 5

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

SAFETY DATA SHEET

S-4000 ACID STAIN

Page 4 of 5

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.

SAFETY DATA SHEET

S-4000 ACID STAIN

Page 5 of 5

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

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, express or implied, is made with respect to the accuracy of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects, which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations and orders.