

SAFETY DATA SHEET

COLORCHROME

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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: COLORCHROME
COLOR: METALLIC
MAIN USE: SPECIALTY FLOORING ADDITIVE

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

SECTION 2: HAZARDS IDENTIFICATION

GLOBALLY HARMONIZED SYSTEM (GHS)

CLASSIFICATION: NOT A DANGEROUS SUBSTANCE OR MIXTURE

GHS LABEL ELEMENTS: NOT APPLICABLE

SIGNAL WORD: NONE

HAZARD STATEMENTS: NONE

PRECAUTIONARY STATEMENTS: NONE

OTHER HAZARDS: CONTACT WITH DUST MAY CAUSE MECHANICAL IRRITATION OR DRYING OF THE SKIN. DUST CONTACT WITH EYES CAN LEAD TO MECHANICAL IRRITATION. MAY CAUSE NOSE, THROAT AND LUNG IRRITATION

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	Wt. %	CAS Number
MICA	40-85	012001-26-2
TITANIUM DIOXIDE	0-50	013463-67-7
IRON OXIDE	0-60	001309-37-1
TIN DIOXIDE	0-1	018282-10-5

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: DOES NOT SUSTAIN COMBUSTION **CONDITIONS OF FLAMMABILITY:** NA

FLAMMABLE LIMITS: **LEL:** ND **UEL:** ND

OSHA CLASS: NOT REGULATED

AUTO IGNITION TEMP: ND

HAZARDOUS COMBUSTION PRODUCTS: DECOMPOSITION PRODUCTS MAY INCLUDE METAL OXIDE

SENSITIVITY TO IMPACT: ND

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: NA

SENSITIVITY TO STATIC DISCHARGE: ND

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SECTION 5: FIRE FIGHTING MEASURES (Cont'd.)

EXTINGUISHING MEDIA: USE AN EXTINGUISHING AGENT SUITABLE FOR THE SURROUNDING FIRE.

SPECIAL FIRE FIGHTING PROCEDURES: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. WATER SPRAY IS USEFUL IN COOLING FIRE-EXPOSED VESSELS.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: AVOID DISPERSAL OF SPILLED MATERIAL AND RUNOFF AND CONTACT WITH SOIL, WATERWAYS, DRAINS AND SEWERS. VACUUM OR SWEEP UP MATERIAL AND PLACE IN A DESIGNATED, LABELED WASTE CONTAINER. DISPOSE OF VIA A LICENSED WASTE DISPOSAL CONTRACTOR.

SECTION 7: HANDLING AND STORAGE

GENERAL: AVOID GENERATING AND BREATHING DUST. USE ONLY WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED. WASH THOROUGHLY AFTER HANDLING.

STORAGE: KEEP CONTAINER TIGHTLY CLOSED AND SEALED UNTIL READY TO USE.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
012001-26-2	3mg/m ³	ND	3mg/m ³	ND	
013463-67-7	10mg/m ³	ND	10mg/m ³	ND	
001309-37-1	5mg/m ³	ND	5mg/m ³	ND	
018282-10-5	2mg/m ³	ND	2mg/m ³	ND	

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.

ENGINEERING CONTROLS: NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: NA	SPECIFIC GRAVITY: 3.8-4.3
VAPOR PRESSURE: NA	MELTING POINT: NA
VAPOR DENSITY: NA (AIR = 1)	EVAPORATION RATE: NA (BUTYL ACETATE = 1)
SOLUBILITY IN WATER: INSOLUBLE	pH: ND
COEFFICIENT of WATER/OIL DISTRIBUTION: ND	ODOR THRESHOLD: ND
APPEARANCE AND ODOR: COLORED POWDER, NO ODOR	
% VOLATILES BY VOLUME: 0%	% SOLIDS BY WEIGHT: 100%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE;
CONDITIONS TO AVOID: NOT APPLICABLE (MATERIAL IS STABLE)
INCOMPATIBILITY (MATERIAL TO AVOID): NA
HAZARDOUS DECOMPOSITION PRODUCTS: METAL OXIDE/OXIDES
HAZARDOUS POLYMERIZATION (REACTIVITY): WILL NOT OCCUR.

SECTION 11: TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE: EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION.

EYES:
ACUTE – MAY CAUSE MILD IRRITATION
CHRONIC – ND

SKIN CONTACT:
ACUTE – TRANSIENT IRRITATION, REDNESS AND DISCOMFORT
CHRONIC – ND

SKIN ABSORPTION:
ACUTE – ND
CHRONIC – ND

INHALATION:
ACUTE – MAY CAUSE IRRITATION. COUGHING OR SHORTNESS OF BREATH MAY RESULT
CHRONIC – ND

INGESTION:
ACUTE – LOW ORDER OF TOXICITY
CHRONIC – ND

CONDITIONS AGGRAVATED BY EXPOSURE: PROLONGED INHALATION OF ANY DUST PARTICULATE MAY AGGRAVATE RESPIRATORY MEDICAL CONDITIONS.

OVEREXPOSURE EFFECTS: IRRITATION
IRRITANCY: YES - REVERSIBLE
SENSITIZER: NO

ACUTE TOXICITY
ACUTE ORAL TOXICITY
LD50, RAT >5,000 mg/kg

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SECTION 11: TOXICOLOGICAL INFORMATION (Cont'd.)

SKIN CORROSION/IRRITATION

RABBIT, NON-IRRITANT

SERIOUS EYE DAMAGE/EYE IRRITATION

RABBIT, NON- IRRITATION

SENSITIZATION

DID NOT CAUSE SENSITIZATION IN LABORATORY ANIMALS

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)

EVALUATION OF AVAILABLE DATA SUGGESTS THIS MATERIAL IS NOT AN STOT-SE TOXICANT

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

LC50(96 HR): >1000mg/l, PIMEPHALES PROMELAS (FATHEAD MINNOW)

ACUTE TOXICITY TO AQUATIC INVERTEBRATES

EC50(48 HR): >1000mg/l, DAPHNIA MAGNA (WATER FLEA),

ACUTE TOXICITY TO ALGAE/AQUATIC PLANTS

EC50(72HR): 61 mg/l PSEUDOKIRCHNERIELLA SUBCAPITATA (GREEN ALGAE)

TOXICITY TO BACTERIA

ND

PERSISTANCE AND DEGRADABILITY

BIODEGARADABILITY: NOT READILY BIODEGRADABLE

BIOACCUMULATIVE POTENTIAL

BIOACCUMULATION: DOES NOT BIOACCUMULATE

MOBILITY IN SOIL: ND

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



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SECTION 15: REGULATORY INFORMATION

VOC: 0 grams/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: IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED (CHRONIC) 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 # 13463-67-7, CAS # 1333-86-4

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
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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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