

MATERIAL SAFETY DATA SHEET

FE550A00

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

ARIZONA POLYMER FLOORING
 7731 N. 68TH AVE.
 GLENDALE, AZ 85303

TRADE NAME: EPOXY 550 PART A
COLOR: CLEAR
MAIN USE: SPECIALTY FLOORING RESIN

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

SECTION 2: HAZARDS IDENTIFICATION
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EMERGENCY OVERVIEW: WARNING!
 CAN CAUSE EYE AND SKIN IRRITATION AND SENSITIZATION
 MAY CAUSE ALLERGIC SKIN REACTION
 MAY CAUSE RESPIRATORY TRACT IRRITATION
 HEATED MATERIAL CAN CAUSE THERMAL BURNS

PRIMARY ROUTES OF ENTRY: EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION

HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)

EYES:
ACUTE – MAY CAUSE MILD IRRITATION
CHRONIC – ND

SKIN CONTACT:
ACUTE – TRANSIENT IRRITATION, REDNESS AND DISCOMFORT
CHRONIC – REPEATED OR PROLONGED CONTACT MAY CAUSE ALLERGIC REACTION/SENSITIZATION.

SKIN ABSORPTION:
ACUTE – ND
CHRONIC – ND

INHALATION:
ACUTE – INHALATION OF MISTS MAY CAUSE RESPIRATORY TRACT IRRITATION. COUGHING AND CHEST PAIN MAY RESULT
CHRONIC – ND

INGESTION:
ACUTE – LOW ORDER OF TOXICITY
CHRONIC – ND

CONDITIONS AGGRAVATED BY EXPOSURE: SKIN DISORDERS AND ALLERGIES

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
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<u>HAZARDOUS INGREDIENTS</u>	<u>Wt. %</u>	<u>CAS Number</u>
4,4'-ISOPROPYLDIPHENOL-EPICHLOROHYDRIN COPOLYMER	60-100	025068-38-6
BENZYL ALCOHOL	0-30	000100-51-6

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SECTION 4: FIRST AID MEASURES

GENERAL: REMOVE PERSON FROM AFFECTED AREA AND MAKE COMFORTABLE. TREAT SYMPTOMATICALLY.

EYES: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

SKIN: REMOVE PRODUCT AND FLUSH AFFECTED AREA WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS GET MEDICAL ATTENTION.

INHALATION: MOVE TO FRESH AIR. GIVE ASSISTED RESPIRATION IF BREATHING HAS STOPPED OR IS LABORED (CALL A PHYSICIAN).

INGESTION: GIVE 3 – 4 GLASSES OF WATER OR MILK IF PERSON CONSCIOUS. **DO NOT INDUCE VOMITING!** OBTAIN MEDICAL CARE AND TREATMENT.

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: 93°C (199°F) TCC

CONDITIONS OF FLAMMABILITY: NA

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

OSHA CLASS: NOT REGULATED

AUTO IGNITION TEMP: ND

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂, ALDEHYDES, ACIDS

SENSITIVITY TO IMPACT: ND

SENSITIVITY TO STATIC DISCHARGE: ND

EXTINGUISHING MEDIA: IGNITION MAY GIVE RISE TO A CLASS B FIRE. IN CASE OF FIRE USE: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

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

UNUSUAL FIRE AND EXPLOSIVE HAZARDS: MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS. SUDDEN REACTION AND FIRE MAY RESULT IF PRODUCT IS MIXED WITH AN OXIDIZING AGENT.

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SHUT OFF SOURCES OF IGNITION. 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: AVOID TEMPERATURE EXTREMES. STORE AWAY FROM EXCESSIVE HEAT, FROM SOURCES OF IGNITION AND FROM REACTIVE MATERIALS.

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SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION
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INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	STEL	
025068-38-6	NE	NE	NE	NE	
000100-51-6	NE	NE	NE	NE	

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 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
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<p>BOILING POINT: >120°C (199°F)</p> <p>VAPOR PRESSURE: < 0.13 kPa @ 20°C (68°F)</p> <p>VAPOR DENSITY: ND (AIR = 1)</p> <p>SOLUBILITY IN WATER: INSOLUBLE</p> <p>COEFFICIENT of WATER/OIL DISTRIBUTION: ND</p> <p>APPEARANCE AND ODOR: CLEAR TO HAZY AMBER LIQUID, MILD ODOR</p> <p>% VOLATILES BY VOLUME: 0%</p>	<p>SPECIFIC GRAVITY: 1.1-1.2</p> <p>MELTING POINT: ND</p> <p>EVAPORATION RATE: <1 (BUTYL ACETATE = 1)</p> <p>pH: NA</p> <p>ODOR THRESHOLD: ND</p> <p>% SOLIDS BY WEIGHT: 100%</p>
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SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE;

CONDITIONS TO AVOID: NOT APPLICABLE (MATERIAL IS STABLE)

INCOMPATIBILITY (MATERIAL TO AVOID): OXIDIZING AGENTS (PERCHLORATES, NITRATES), STRONG ACIDS, HYPOCHLORITES, PEROXIDES.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

HAZARDOUS POLYMERIZATION (REACTIVITY): WILL NOT OCCUR.

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SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENIC DATA: NTP: NONE OSHA: NONE IARC: NONE
TERATOGENICITY: NO MUTAGENICITY: NO
EMBRYOTOXICITY: NO SYNERGISTIC MATERIAL: NO

OVEREXPOSURE EFFECTS: LACRIMATION OF EYES, SKIN IRRITATION, DIZZINESS.
IRRITANCY: YES
SENSITIZER: YES

ACUTE TOXICITY EFFECTS: ORAL LD₅₀: > 2.0g/kg (Rats); DERMAL LD₅₀: > 2.0g/kg (Rabbit); INHALATION: ND

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NOT READILY BIODEGRADABLE

ECOTOXICITY

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: RESIN COMPOUND, NOT REGULATED **HAZARD CLASS:** NA

UN NUMBER: NA

PACKAGING GROUP: NA

DOT PRODUCT RQ LBS (KGS): NA

HAZARD LABEL: NA

HAZARD PLACARD NAA

IMO SHIPPING DATA: RESIN COMPOUND, NOT REGULATED

ICAO/IATA SHIPPING DATA: RESIN COMPOUND, NOT REGULATED

ADDITIONAL INFORMATION: NONE

SECTION 15: REGULATORY INFORMATION

VOC: COMPONENT: 9 grams/Liter **AS APPLIED:** 72 grams/Liter (PART OF MULTI-COMPONENT SYSTEM)

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: NONE.

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SECTION 16: OTHER INFORMATION

INITIAL ISSUE DATE: AUGUST 21, 2012 **REVISION DATE:** **PREPARED BY:** J.W. ESSIG

HAZARD RATING

HMIS: **HEALTH** 2 **FLAMMABILITY** 1 **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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