

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: AEP-3027 EPOXY PRIMER
 PRODUCT CODE: AEP-3027

HMIS CODES: H F R P
 2*3 0 G

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURED FOR : ALSA Corporation
 2640 East 37th Street
 Vernon, CA 90058

EMERGENCY PHONE : (800)535-5053 / (352)323-3500 DATE PRINTED : 1/21/2005
 INFORMATION PHONE : (323)581-5200 PREPARER NAME: MSDS Coordinator

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
ISOBUTYL ACETATE OSHA TWA VPEL: 150 ppm ACGIH TWA TLV: 150 ppm	110-19-0	18.0 68 F	15.41
* METHYL ETHYL KETONE OSHA VPEL: 200 ppm TWA OSHA VPEL: 300 ppm STEL ACGIH TLV: 200 ppm TWA ACGIH TLV: 300 ppm STEL	78-93-3	78 68 F	13.88
bisphenol A-epichlorohydrin based epoxy resin	25036-25-3	N/A N/A	5%-15%
talc ACGIH TLV: 2 mg/m3 TWA RESPIRABLE DUST OSHA PEL: 20 mppcf	14807-96-6	N/A	5%-15%
titanium dioxide OSHA PEL: 10 mg/m3 TWA (TOTAL DUST)	13463-67-7	N/A	0%-10%
* {N090} STRONTIUM CHROMATE OSHA: 0.10 mg/m3 PEL ACGIH: 0.0005 mg/m3 TLV	7789-06-2	N/A N/A	6.8568
ISOPROPYL ALCOHOL OSHA PEL: 400 ppm TWA ACGIH TLV: 400 ppm TWA ACGIH TLV: 500 ppm STEL OSHA PEL: 500 ppm OSHA STEL: 500 ppm	67-63-0	32 68 F	5.27
* XYLENES ACGIH TWA 100 ppm ACGIH STEL 150 ppm OSHA TWA 100 ppm OSHA STEL 150 ppm	1330-20-7	5.10 68 F	3.6
magnesite dust OSHA PEL: 15 mg/m3 (TOTAL DUST) OSHA PEL: 5 mg/m3 (RESPIRABLE DUST) ACGIH TLV: 10 mg/m3 (TOTAL DUST) NIOSH: 10 mg/m3 TWA (TOTAL DUST) NIOSH: 5 mg/m3 TWA (RESPIRABLE DUST)	546-93-0	N/A N/A	0%-10%
C-6 branched alcohol acetate blend	88230-35-7	1.4 68 F	0%-10%
* TOLUENE ACGIH TLV: 150 ppm STEL (SKIN) ACGIH TLV: 50 ppm TWA (SKIN) OSHA VPEL: 150 ppm STEL OSHA VPEL: 100 ppm TWA	108-88-3	22 68 F	1.09
ISOBUTYL ALCOHOL ACGIH TWA: 152 mg/m3 ACGIH TWA: 50 ppm TLV OSHA TWA: 150 mg/m3 OSHA TWA: 50 ppm VPEL	78-83-1	7.1 68 F	.84

ETHYL BENZENE	100-41-4	5.1	68 F	.67
OSHA PEL: 100 ppm TWA				
ACGIH TLV: 100 ppm TWA				
palygorskite fibers (>5 microns in length)	12174-11-7	N/A	N/A	0%-5%
OSHA PEL: 15 mg/m3 (TOTAL DUST)				
OSHA PEL: 5 mg/m3 (RESPIRABLE DUST)				
ACGIH TLV: 10 mg/m3 (INHALABLE DUST)				
ACGIH TLV: 3 mg/m3 (RESPIRABLE DUST)				
SILICA, QUARTZ	14808-60-7	N/A	N/A	.2382
OSHA PEL: 30 mg/m3 TOTAL DUST				
OSHA PEL: 10 mg/m3 RESPIRABLE DUST				
ACGIH TLV: 0.1 mg/m3 TWA RESPIRABLE DUST				
{N090, N982} - ZINC POTASSIUM CHROMATE	11103-86-9	n/a	n/a	.1
ACGIH TLV: .01 mg/m3				
OSHA PEL: .01 mg/m3				
METHYL ACETATE	79-20-9	171.3	68 F	.02
ACGIH TLV: 200 ppm TWA				
ACGIH TLV: 250 ppm STEL				
OSHA PEL: 200 ppm TWA				
OSHA PEL: 250 ppm STEL				
ACETONE	67-64-1	185	68 F	.01
ACGIH TLV STEL: 750 ppm				
ACGIH TLV TWA: 500 ppm				
OSHA VPEL TWA: 750 ppm				
OSHA VPEL STEL: 1000 ppm				

* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372. N/A

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 132 F - 327 F SPECIFIC GRAVITY (H2O=1): 1.23
 VAPOR DENSITY: Heavier than air EVAPORATION RATE: Slower than ether
 V.O.C. grams/liter: 583.57 V.O.C. lbs. /gal.: 4.87
 SOLUBILITY IN WATER: Insoluble SOLIDS BY VOLUME: 32.23
 APPEARANCE AND ODOR: Opaque liquid with an organic solvent odor.

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: -4.0 F METHOD USED: TAGCC FLAMMABLE
 LIMITS IN AIR BY VOLUME- LOWER: 1.0 UPPER: 16.0

EXTINGUISHING MEDIA: Foam, Carbon Dioxide, Dry Chemical, Water Fog

SPECIAL FIREFIGHTING PROCEDURES

Full protective equipment, including self contained breathing apparatus, is recommended. Water from fog nozzles may be used to cool closed containers to prevent pressure build up.

UNUSUAL FIRE AND EXPLOSION HAZARDS

When heated above flashpoint, emits flammable vapors which, when mixed with air, can burn or become explosive. Fine mists or sprays may be flammable below the flash point.

===== SECTION V - REACTIVITY DATA =====

STABILITY: Stable
 CONDITIONS TO AVOID
 Avoid all sources of ignition

INCOMPATIBILITY (MATERIALS TO AVOID)
 Strong oxidizing materials

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HAZARDOUS DECOMPOSITION OR BYPRODUCTS

May produce hazardous fumes when heated to decomposition. Fumes may contain Carbon Monoxide and Carbon Dioxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause nose and throat irritation. Repeated and prolonged exposure to organic solvents may lead to permanent brain and nervous system damage. Eye watering, headaches, nausea, dizziness, and loss of coordination are signs that solvent levels are too high.

Individuals with breathing problems must not be exposed to this product. If affected by inhalation, remove to fresh air. If breathing difficulty persists, consult a physician.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE

May cause irritation or burning of the eyes. Repeated and prolonged skin contact may cause skin irritation or dermatitis. In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes; call a physician. In case of skin contact, wash with soap and water. If irritation occurs, contact a physician.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

Gastrointestinal distress. In the unlikely event of ingestion, call a physician immediately and have the names of all ingredients available.

HEALTH HAZARDS (ACUTE AND CHRONIC)

ACUTE- Dizziness, irritation of the respiratory tract, weakness, nausea, or possible narcosis or even asphyxiation. May be accompanied by coughing or labored breathing.

CHRONIC- Reports have linked organic solvents with brain and nervous system damage. Misuse of this product by deliberately concentrating and inhaling the contents may be harmful or fatal.

CARCINOGENICITY: NTP CARCINOGEN: Yes IARC MONOGRAPHS: Yes

PROPOSITION 65 STATEMENT: WARNING! This product contains a chemical known to the state of California to cause birth defects or other reproductive harm.

OSHA REGULATED: Yes

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Do not use this product if you have chronic lung or breathing problems.

EMERGENCY AND FIRST AID PROCEDURES

If ingestion, or any type of overexposure or symptoms of overexposure occur during the use of this product, contact a poison control center, emergency room or physician immediately; have material safety data sheet available.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition (sparks, flames, and hot surfaces). Avoid breathing vapors. Ventilate area. Remove with an inert absorbent and non-sparking tool.

WASTE DISPOSAL METHOD

Dispose in accordance with state, federal and local regulations. Do not incinerate closed containers.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Keep containers tightly closed in a cool, dry, well ventilated area away from all possible ignition sources. Store large quantities of material in buildings designed for the storage of flammable liquids.

OTHER PRECAUTIONS

Employees should be trained in safety measures that should be taken when using this product.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION

Avoid breathing vapors or spray mist. Wear a properly fitted respirator approved by NIOSH/MSHA (TC-23c) for use with paints during application and until all vapors are exhausted. In confined areas, or where continuous spray operations are typical, or proper respirator fit is not possible, wear a positive-pressure supplied air respirator (TC-19c). In all cases follow respirator manufactures directions for respirator use. Do not allow anyone without protection into the painting area.

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VENTILATION

Provide sufficient ventilation to keep contaminates below applicable OSHA requirements.

PROTECTIVE GLOVES

Neoprene gloves impervious to organic solvents are recommended.

EYE PROTECTION

Use safety eyewear designed to protect against liquid splash.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Impervious coveralls are recommended.

WORK/HYGIENIC PRACTICES

Eye wash and safety showers in the work place are recommended. Wash hands before eating and smoking.

===== SECTION IX - DISCLAIMER =====

The information contained in this material safety data sheet is information from our suppliers and other sources. It is believed to be reliable. This data is not to be taken as a warranty or representation for which this company assumes legal responsibility.