

M A T E R I A L S A F E T Y D A T A S H E E T

EPOXY PRIMER - BLACK

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PRODUCT NAME: EPOXY PRIMER - BLACK
PRODUCT CODE: ZT-PE900

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

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

MANUFACTURED BY : ZOLATONE AIM
DIVISION OF ADVANCED REFINISH TECHNOLOGIES
ADDRESS : 850 Ladd Rd., Bldg. E
Walled Lake, MI 48390
EMERGENCY PHONE : (800)424-9300 **DATE PRINTED : 12/21/2011**
INFORMATION PHONE : (800)810-2785 **PREPARER NAME : MSDS COORDINATOR**

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg	@ TEMP	PERCENT
ISOBUTYL ACETATE OSHA TWA VPEL: 150 ppm ACGIH TWA TLV: 150 ppm	110-19-0	18.0	68 F	14.96
talc ACGIH TLV: 2 mg/m3 TWA RESPIRABLE DUST OSHA PEL: 20 mppcf	14807-96-6	N/A		5%-15%
* 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	14.38
bisphenol A-epichlorohydrin based epoxy resin	25036-25-3	N/A	N/A	5%-15%
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%
* {N090} STRONTIUM CHROMATE OSHA: 0.10 mg/m3 PEL ACGIH: 0.0005 mg/m3 TLV	7789-06-2	N/A	N/A	6.7715
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	5.25
* XYLENES ACGIH TWA 100 ppm ACGIH STEL 150 ppm OSHA TWA 100 ppm OSHA STEL 150 ppm	1330-20-7	5.10	68 F	3.33
isobutyl isobutyrate	97-85-8	0.11812	68 F	0%-10%
carbon black OSHA PEL: 3.5 mg/m3 ACGIH TLV: 3.5 mg/m3	1333-86-4	N/A	N/A	1.18
ISOBUTYL ALCOHOL ACGIH TWA: 152 mg/m3 ACGIH TWA: 50 ppm TLV	78-83-1	7.1	68 F	.81

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OSHA TWA: 150 mg/m3				
OSHA TWA: 50 ppm VPEL				
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)				
ETHYL BENZENE	100-41-4	5.1	68 F	.62
OSHA PEL: 100 ppm TWA				
ACGIH TVL: 100 ppm TWA				
SILICA, QUARTZ	14808-60-7	N/A	N/A	.3500
OSHA PEL: 30 mg/m3 TOTAL DUST				
OSHA PEL: 10 mg/m3 RESPIRABLE DUST				
ACGIH TLV: 0.1 mg/m3 TWA RESPIRABLE DUST				
n-BUTYL ACETATE	123-86-4	8.4	68 F	.13
ACGIH TLV TWA: 150 ppm				
ACGIH TLV STEL: 200 ppm				
OSHA VPEL TWA: 150 ppm				
OSHA VPEL STEL: 200 ppm				
{N090, N982} - ZINC POTASSIUM CHROMATE	11103-86-9	n/a	n/a	.10
ACGIH TLV: .01 mg/m3				
OSHA PEL: .01 mg/m3				
pseudocumene	95-63-6	1.58	68 F	.04
ACGIH TLV: 25 ppm TWA				
OSHA PEL: 25 ppm TWA				
NIOSH: 25 ppm TWA				
NIOSH: 125 mg/m3 TWA				
o-xylene	95-47-6	5.20	68 F	.01
ACGIH TWA 100 ppm				
ACGIH STEL 150 ppm				
OSHA TWA 100 ppm				
NIOSH 100 ppm				
m-xylene	108-38-3	8.3	68 F	.01
ACGIH TWA 100 ppm				
ACGIH STEL 150 ppm				
OSHA TWA 100 ppm				
NIOSH 100 ppm				
PROPYL BENZENE	103-65-1	N/D	N/D	.01
SILICA, CRISTOBALITE	14464-46-1	N/A	N/A	.0007
OSHA PEL: 0.05 mg/m3 RESPIRABLE DUST				
ACGIH TLV: 0.05 mg/m3 TWA RESPIRABLE DUST				
TOLUENE	108-88-3	22	68 F	0%-5%
ACGIH TLV: 150 ppm STEL (SKIN)				
ACGIH TLV: 50 ppm TWA (SKIN)				
OSHA VPEL: 150 ppm STEL				
OSHA VPEL: 100 ppm TWA				

* 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: 175 F - 334.4 F
VAPOR DENSITY: Heavier than air
V.O.C. grams/liter: 564.65
SOLUBILITY IN WATER: Insoluble

SPECIFIC GRAVITY (H2O=1): 1.24
EVAPORATION RATE: Slower than ether
V.O.C. lbs./gal.: 4.71
SOLIDS BY VOLUME: 34.135

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 or chemicals known to the state of California to cause cancer and/or 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 tools.

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.

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

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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.