

MATERIAL SAFETY DATA SHEET

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(Approved by U.S. Department of Labor "Essentially Similar" to Form OSHA-20)

THE OSHA HAZARD COMMUNICATION STANDARD 29CFR1910.1200 REQUIRES THAT THE INFORMATION CONTAINED ON THIS SHEET BE MADE AVAILABLE TO YOUR WORKERS.

INSTRUCT YOUR WORKERS TO HANDLE THIS PRODUCT PROPERLY.

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| CHEMICAL NAME: | RESIN EPOXY |
| SYNONYMS: | CHEMICAL FAMILY: EPOXIDE |
| FORMULA: | MOLECULAR WEIGHT: |
| TRADE NAME AND SYNONYMS: | QUARTZBASE™ BASE COMPOUND (aka EpoxiKote™) |

I. PHYSICAL DATA

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| BOILING POINT: (760mm. Hg) | N/A | FREEZING POINT: | N/A |
| SPECIFIC GRAVITY: (H₂O=1) | 1.3 | VAPOR PRESSURE AT 20°C: | N/A |
| VAPOR DENSITY: (air=1) | N/A | SOLUBILITY IN WATER (% by wt): | INSOLUBLE |
| PERCENT VOLATILES BY VOLUME: | 1% | EVAPORATION RATE (Butyl Acetate=1): | N/A |
| APPEARANCE AND ODOR: | CLEAR with RESIN ODOR | | |

II. HAZARDOUS INGREDIENTS

| MATERIAL | PERCENTAGE | TLV (Units) |
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| RESIN EPOXY | 40-50% | N/A |
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III. FIRE AND EXPLOSION HAZARD DATA

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| FLASH POINT (test method): | Under 220°F | AUTO-IGNITION TEMPERATURE: | UNKNOWN |
| FLAMMABLE LIMITS IN AIR, % by volume: | N/A | | |
| EXTINGUISHING MEDIA: | WATER, WATER SPRAY, CO ₂ , FOAM, DRY CHEMICAL. | | |
| SPECIAL FIRE FIGHTING PROCEDURES: | WEAR PROTECTIVE CLOTHING. | | |
| UNUSUAL FIRE AND EXPLOSION HAZARDS: | NONE KNOWN | | |

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| CONTACT PHONE NUMBER: | USA 818-500-1921 |
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IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N/A

EFFECTS OF OVEREXPOSURE: MODERATELY TOXIC BY INGESTION & SKIN CONTACT. POSSIBLE RASH. ORAL RATE LD-50 1100mg./Kg.

EMERGENCY AND FIRST AID PROCEDURES:
EYE CONTACT: FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES.
SKIN CONTACT: WASH WITH SOAP AND WATER. IF RASH, REDNESS OR PAIN PERSISTS, GET MEDICAL ATTENTION.
INHALATION: REMOVE VICTIM TO FRESH AIR.

V. REACTIVITY DATA

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| STABILITY: <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE | CONDITIONS TO AVOID: | HIGH TEMPERATURE, OPEN FLAME. |
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| INCOMPATIBILITY (MATERIALS TO AVOID): | ALKALIS, OXIDIZING AGENTS, LOW MOLECULAR WEIGHT ALIPHATICAMINES. |
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| HAZARDOUS DECOMPOSITION PRODUCTS: | CO, CO ₂ , ACRID SMOKE AND FUMES IN A FIRE. |
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| HAZARDOUS POLYMERIZATION: <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR | CONDITIONS TO AVOID: | Will Not Polymerize. |
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VI. SPILL OR LEAK PROCEDURES

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| STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: | ABSORB WITH <i>ABZORB-IT</i> OR ANY NON-REACTIVE SYSTEM. SCOOP UP AND REMOVE TO DISPOSABLE CONTAINER. |
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| WASTE DISPOSAL METHOD: | ACCORDING TO ALL FEDERAL, STATE AND LOCAL LAWS & REGULATIONS. |
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VII. SPECIAL PROTECTION INFORMATION

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| RESPIRATORY PROTECTION (specify type) | ADEQUATE VENTILATION & OSHA-APPROVED RESPIRATOR. | | |
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| VENTILATION YES | LOCAL EXHAUST | YES | SPECIAL | |
| | MECHANICAL (general) | If Available. | OTHER | |

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| PROTECTIVE GLOVES | RUBBER | EYE PROTECTION | GOGGLES |
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| OTHER PROTECTIVE EQUIPMENT | Protective Clothing To Avoid Skin Contact. |
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VIII. SPECIAL PRECAUTIONS

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| PRECAUTIONARY LABELING | AVOID SKIN AND EYE CONTACT |
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| OTHER HANDLING AND STORAGE CONDITIONS | STORE IN A COOL, DRY AREA AWAY FROM HEAT AND OPEN FLAME. |
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