

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.

CHEMICAL NAME:	EPOXY RESIN
SYNONYMS:	CHEMICAL FAMILY: OXIRANE
FORMULA:	MOLECULAR WEIGHT:
TRADE NAME AND SYNONYMS:	KRYSTALSEAL™ BASE COMPOUND

I. PHYSICAL DATA

BOILING POINT: (760mm. Hg)	OVER 200°F	FREEZING POINT:	N/A
SPECIFIC GRAVITY: (H₂O=1)	1.12	VAPOR PRESSURE AT 20°C:	N/A
VAPOR DENSITY: (air=1)	LESS THAN 1.0	SOLUBILITY IN WATER (% by wt):	LESS THAN 4%
PERCENT VOLATILES BY VOLUME:	5%	EVAPORATION RATE (Butyl Acetate=1):	LESS THAN 1.0
APPEARANCE AND ODOR:	CLEAR, RESIN ODOR		

II. HAZARDOUS INGREDIENTS

MATERIAL	PERCENTAGE	TLV (Units)
EPOXY	92%	N/A

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method):	OVER 250°F	AUTO-IGNITION TEMPERATURE:	UNKNOWN
FLAMMABLE LIMITS IN AIR, % by volume:	N/A		
EXTINGUISHING MEDIA:	WATER, WATER SPRAY, CARBON DIOXIDE, POWDER.		
SPECIAL FIRE FIGHTING PROCEDURES:	WEAR PROTECTIVE CLOTHING.		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	NONE KNOWN		

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.

V. REACTIVITY DATA

STABILITY:

UNSTABLE STABLE

CONDITIONS TO AVOID:

HIGH TEMPERATURE, STRONG OXIDIZING AGENTS.

INCOMPATIBILITY (MATERIALS TO AVOID):

STRONG OXIDIZING AGENTS, LOW MOLECULAR WEIGHT ALIPHATICAMINES.

HAZARDOUS DECOMPOSITION PRODUCTS:

ACRID SMOKE AND FUMES IN A FIRE.

HAZARDOUS POLYMERIZATION:

MAY OCCUR WILL NOT OCCUR

CONDITIONS TO AVOID:

Will Not Polymerize.

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

CONTAIN & ABSORB WITH ABSORB-IT OR ANY NON-REACTIVE SYSTEM. NEUTRALIZE WITH CURING AGENT.

WASTE DISPOSAL METHOD:

DISPOSE ACCORDING TO ALL FEDERAL, STATE & LOCAL REGULATIONS.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)

ADEQUATE VENTILATION.

VENTILATION YES

LOCAL EXHAUST

YES

SPECIAL

MECHANICAL (general)

OTHER

PROTECTIVE GLOVES

RUBBER

EYE PROTECTION

GOGGLES

OTHER PROTECTIVE EQUIPMENT

VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING

OTHER HANDLING AND STORAGE CONDITIONS

DO NOT STORE AT TEMPERATURES OVER 130°F.

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