

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:	POLYURETHANE	
SYNONYMS:		CHEMICAL FAMILY:
FORMULA:		MOLECULAR WEIGHT:
TRADE NAME AND SYNONYMS:	KRYSTALKOTE™ BASE COMPOUND	

I. PHYSICAL DATA

BOILING POINT: (760mm. Hg)	140°F	FREEZING POINT:	N/A
SPECIFIC GRAVITY: (H₂O=1)	1.0	VAPOR PRESSURE AT 20°C.:	22
VAPOR DENSITY: (air=1)	3.5	SOLUBILITY IN WATER (% by wt):	SLIGHT
PERCENT VOLATILES BY VOLUME:	15-20%	EVAPORATION RATE (Butyl Acetate=1):	2.0

APPEARANCE AND ODOR:

II. HAZARDOUS INGREDIENTS

MATERIAL	PERCENTAGE	TLV (Units)
P M ACETATE	@5%	200 P.P.M.
METHYL ETHYL KETONE (MEK)	5-10%	200 P.P.M.
TOLUENE	5-10%	200 P.P.M.

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method):	30°F	AUTO-IGNITION TEMPERATURE:	860°
FLAMMABLE LIMITS IN AIR (% by vol):	Lower: 1.8% / Upper: 11%		
EXTINGUISHING MEDIA:	DRY CHEMICAL, CARBON DIOXIDE, FOAM, or WATER SPRAY		
SPECIAL FIRE FIGHTING PROCEDURES:	WARNING: FLAMMABLE - CLEAR FIRE AREA. WEAR HELMET & FACE SHIELD. USE NIOSH APPROVED BREATHING APPARATUS.		
UNUSUAL FIRE & EXPLOSION HAZARDS:	FLAMMABLE. KEEP AWAY FROM HEAT AND OPEN FLAME.		

CONTACT PHONE NUMBER:

USA 818-500-1921

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IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 200 P.P.M.

EFFECTS OF OVEREXPOSURE:	IRRITATION, DROWSINESS, NAUSEA, HEADACHES, DEPRESSION. CONTACT PHYSICIAN IMMEDIATELY.
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EMERGENCY AND FIRST AID PROCEDURES:	<u>INGESTION:</u> DRINK WATER. <u>INHALATION:</u> REMOVE VICTIM TO FRESH AIR. <u>EYE CONTACT:</u> FLUSH WITH CLEAN WATER FOR 20 MINUTES. <u>SKIN CONTACT:</u> FLUSH SKIN WITH PLENTY OF WATER.
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V. REACTIVITY DATA

STABILITY: <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	CONDITIONS TO AVOID:	HEAT, SPARKS, OPEN FLAME AND OXIDIZING AGENTS.
INCOMPATIBILITY (MATERIALS TO AVOID):		OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS:		CARBON MONOXIDE AND ORGANIC COMPOUNDS
HAZARDOUS POLYMERIZATION: <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID:	HEAT, SPARKS, OPEN FLAME AND OXIDIZING AGENTS

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	EVACUATE HAZARD AREA. WASH WITH PLENTY OF WATER. WEAR RESPIRATOR AND PROTECTIVE CLOTHING.
WASTE DISPOSAL METHOD:	INCINERATION. OBSERVE ALL FEDERAL, STATE & LOCAL LAWS CONCERNING HEALTH AND ENVIRONMENT.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)		USE NIOSH APPROVED RESPIRATOR		
VENTILATION	LOCAL EXHAUST	YES	SPECIAL	
	MECHANICAL (general)	IF AVAILABLE	OTHER	
PROTECTIVE GLOVES		YES	EYE PROTECTION	WEAR GOGGLES
OTHER PROTECTIVE EQUIPMENT				

VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING	FLAMMABLE. KEEP CONTAINER CLOSED WHEN NOT IN USE. KEEP AWAY FROM HEAT & OPEN FLAME. STORE IN COOL PLACE.
OTHER HANDLING AND STORAGE CONDITIONS	STORE IN A COOL PLACE. USE WITH ADEQUATE VENTILATION. GROUND FIXED EQUIPMENT.

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