

# 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.

<b>CHEMICAL NAME:</b>	Modified POLYURETHANE		
<b>SYNONYMS:</b>	N/A	<b>CHEMICAL FAMILY:</b>	POLYURETHANE
<b>FORMULA:</b>	N/A	<b>MOLECULAR WEIGHT:</b>	N/A
<b>TRADE NAME AND SYNONYMS:</b>	MONOTHANE II™		

## I. PHYSICAL DATA

<b>BOILING POINT: (760mm. Hg)</b>	220°F	<b>FREEZING POINT:</b>	@ 32°F
<b>SPECIFIC GRAVITY: (H<sub>2</sub>O=1)</b>	1.1	<b>VAPOR PRESSURE AT 20° C.:</b>	N/A
<b>VAPOR DENSITY: (air=1)</b>	Same as H <sub>2</sub> O	<b>SOLUBILITY IN WATER (% by wt):</b>	N/A
<b>PERCENT VOLATILES BY VOLUME:</b>	<1%	<b>EVAPORATION RATE (Butyl Acetate=1):</b>	Same as H <sub>2</sub> O
<b>APPEARANCE AND ODOR:</b>	CLEAR or COLORED LIQUID		

## II. HAZARDOUS INGREDIENTS

MATERIAL	PERCENTAGE	TLV (Units)
METHYL CARBITOL: CAS# 111-77-3	<1%	Not Established
METHYL PYRROLIDONE: CAS# 872-50-4	<1%	Not Established

## III. FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (test method):</b>	>250°F ASTM D-3243	<b>AUTO-IGNITION TEMPERATURE:</b>	N/A
<b>FLAMMABLE LIMITS IN AIR, % by volume:</b>	N/A		
<b>EXTINGUISHING MEDIA:</b>	DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER SPRAY		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	Conventional Equipment is Sufficient for Fire & Spill.		
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	NONE		

**EMERGENCY PHONE NUMBER:****USA (818) 500-1921**

Prepared for TradeWinds International Inc., Updated MAY 2000

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## IV. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (TLV): Not Determined

EFFECTS OF OVEREXPOSURE: May cause slight Eye and Skin irritation.

EMERGENCY AND FIRST AID PROCEDURES: EYES: FLUSH WITH CLEAN WATER FOR SEVERAL MINUTES.  
SKIN: WASH SKIN WITH SOAP & WATER.  
INGESTION: CONTACT PHYSICIAN IMMEDIATELY.

## V. REACTIVITY DATA

STABILITY: <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	CONDITIONS TO AVOID:	EXCESSIVE HEAT.
INCOMPATIBILITY (MATERIALS TO AVOID):	STRONG ACIDS, ALKALIS, and OXIDIZING AGENTS.	
HAZARDOUS DECOMPOSITION PRODUCTS:	CARBON DIOXIDE and OXIDES OF NITROGEN.	
HAZARDOUS POLYMERIZATION: <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID:	EXCESSIVE HEAT.

## VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	DIKE OR IMPOUND SPILLED MATERIAL. COVER SPILL WITH <u>ABSORB-IT™</u> , SAWDUST, OR OTHER ABSORBENTS. SCOOP INTO CONTAINER AND DISPOSE.
WASTE DISPOSAL METHOD:	DISPOSE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS. INCINERATION IS PREFERRED.

## VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)	WEAR <i>NIOSH</i> -APPROVED RESPIRATOR. OBSERVE <i>OSHA</i> REGULATIONS.		
VENTILATION	LOCAL EXHAUST	YES	SPECIAL:
	MECHANICAL (general)	FILTERED	OTHER:
PROTECTIVE GLOVES	YES	EYE PROTECTION: GOGGLES	
OTHER PROTECTIVE EQUIPMENT	None		

## VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING	Store in Cool, Dry Storage Area away from Heat. AVOID FREEZING TEMPERATURES.
OTHER HANDLING AND STORAGE CONDITIONS	Wear Protective Gloves and Safety Goggles at all times when handling product.

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