

# MATERIAL SAFETY DATA SHEET

(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>	POLYURETHANE-ACRYLIC	
<b>SYNONYMS:</b>		<b>CHEMICAL FAMILY:</b>
<b>FORMULA:</b>	Proprietary	<b>MOLECULAR WEIGHT:</b>
<b>TRADE NAME AND SYNONYMS:</b>	HygraSeal-90™	

## I. PHYSICAL DATA

<b>BOILING POINT: (760mm. Hg)</b>	212°F	<b>FREEZING POINT:</b>	32°F
<b>SPECIFIC GRAVITY: (H<sub>2</sub>O=1)</b>	1.0	<b>VAPOR PRESSURE AT 20°C.:</b>	N/A
<b>VAPOR DENSITY: (air=1)</b>	>1	<b>SOLUBILITY IN WATER (% by wt):</b>	DISPERSABLE
<b>PERCENT VOLATILES BY VOLUME:</b>	0% (water)	<b>EVAPORATION RATE (Butyl Acetate=1):</b>	< 1
<b>APPEARANCE AND ODOR:</b>	MILKY LIQUID, SLIGHT POLYURETHANE ODOR		

## II. HAZARDOUS INGREDIENTS

MATERIAL	PERCENTAGE	TLV (Units)
DIALKYLPHthalate (CAS# 84-74-2)	1%	N/A

## III. FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (test method):</b>	None	<b>AUTO-IGNITION TEMPERATURE:</b>	N/A
<b>FLAMMABLE LIMITS IN AIR, % by volume:</b>	None		
<b>EXTINGUISHING MEDIA:</b>	Water-Based Product: Does Not Burn.		
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b>	ALWAYS WEAR HELMET AND FACE SHIELD. USE NIOSH APPROVED BREATHING APPARATUS.		
<b>UNUSUAL FIRE &amp; EXPLOSION HAZARDS:</b>	None		

**CONTACT PHONE NUMBER:**

**USA 818-500-1921**

Prepared for **TradeWinds International Inc.** JULY 2000

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**IV. HEALTH HAZARD DATA****THRESHOLD LIMIT VALUE:** Not Determined

<b>EFFECTS OF OVEREXPOSURE:</b>	EYE CONTACT MAY CAUSE IRRITATION. SLIGHT DERMAL (SKIN) CONTACT IS <u>NOT</u> EXPECTED TO PRODUCE ADVERSE REACTION.
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<b>EMERGENCY AND FIRST AID PROCEDURES:</b>	<u>INGESTION:</u> DRINK WATER. CALL PHYSICIAN FOR ALL EVENTS. <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**

<b>STABILITY:</b> <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	<b>CONDITIONS TO AVOID:</b>	EXCESSIVE HEAT & FREEZING TEMPERATURES.
<b>INCOMPATIBILITY (MATERIALS TO AVOID):</b>		OXIDIZING AGENTS
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>		CARBON MONOXIDE AND CARBON DIOXIDE
<b>HAZARDOUS POLYMERIZATION:</b> <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	<b>CONDITIONS TO AVOID:</b>	Will Not Polymerize.

**VI. SPILL OR LEAK PROCEDURES**

<b>STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:</b>	CONTAIN SPILLED MATERIAL. TRANSFER TO APPROVED CONTAINER. USE <u>KRYSTAL-SORB™</u> TO ABSORB RESIDUE, THEN CONTAINER-DISPOSE.
<b>WASTE DISPOSAL METHOD:</b>	OBSERVE ALL FEDERAL, STATE AND LOCAL LAWS & REGULATIONS CONCERNING DISPOSAL, HEALTH AND ENVIRONMENT.

**VII. SPECIAL PROTECTION INFORMATION**

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

**VIII. SPECIAL PRECAUTIONS**

<b>PRECAUTIONARY LABELING</b>	STORE IN A COOL PLACE. AVOID EXCESSIVE HEAT AND FREEZING TEMPERATURES.
<b>OTHER HANDLING AND STORAGE CONDITIONS</b>	STORE IN A COOL PLACE. USE WITH ADEQUATE VENTILATION. WEAR APPROVED PROTECTIVE GLOVES AND GOGGLES.

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