

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:	POLYSULFIDE POLYMER		
SYNONYMS:	N/A	CHEMICAL FAMILY:	POLYSULFIDE
FORMULA:	N/A	MOLECULAR WEIGHT:	N/A
TRADE NAME AND SYNONYMS:	TWI-803™ <u>BASE COMPOUND</u>		

I. PHYSICAL DATA

BOILING POINT: (760mm. Hg)	231°F	FREEZING POINT:	N/A
SPECIFIC GRAVITY: (H₂O=1)	1.3	VAPOR PRESSURE AT 20°C.:	22 at 70°F
VAPOR DENSITY: (air=1)	3.8	SOLUBILITY IN WATER (% by wt):	None
PERCENT VOLATILES BY VOLUME:	4%	EVAPORATION RATE (Butyl Acetate=1):	2.0
APPEARANCE AND ODOR:	BLACK PASTE, POLYSULFIDE / SOLVENT ODOR		

II. HAZARDOUS INGREDIENTS

MATERIAL	PERCENTAGE	TLV (Units)
POLYSULFIDE POLYMER (liquid): CAS# 68611-50-7	60%	N/A
TOLUENE: CAS# 108-88-3	4%	200 P.P.M.

III. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method):	120°F (ASTM D-3243)	AUTO-IGNITION TEMPERATURE:	N/A
FLAMMABLE LIMITS IN AIR, % by volume:	Lower: 1.8% / Upper: 11%		
EXTINGUISHING MEDIA:	DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER SPRAY		
SPECIAL FIRE FIGHTING PROCEDURES:	None		
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None		

EMERGENCY PHONE NUMBER:

USA 818-500-1921

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

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IV. HEALTH HAZARD DATA

THRESHOLD LIMIT
VALUE (TLV): 200 PPM

EFFECTS OF
OVEREXPOSURE: NAUSEA:
CONTACT PHYSICIAN IMMEDIATELY.

EMERGENCY AND
FIRST AID
PROCEDURES: EYES: FLUSH WITH CLEAN WATER FOR 20 MINUTES.
SKIN: WASH SKIN WITH SOAP & WATER. IN ALL EVENTS:
INGESTION: INDUCE VOMITING. CONTACT PHYSICIAN IMMEDIATELY.

V. REACTIVITY DATA

STABILITY: <input type="checkbox"/> UNSTABLE <input checked="" type="checkbox"/> STABLE	CONDITIONS TO AVOID:	EXCESSIVE HEAT, SPARKS & OPEN FLAME.
INCOMPATIBILITY (MATERIALS TO AVOID):		STRONG OXIDIZING AGENTS, ACIDS & ALKALIS
HAZARDOUS DECOMPOSITION PRODUCTS:		SULFUR DIOXIDE, CARBON DIOXIDE, HYDROGEN SULFIDE & SMOKE.
HAZARDOUS POLYMERIZATION: <input type="checkbox"/> MAY OCCUR <input checked="" type="checkbox"/> WILL NOT OCCUR	CONDITIONS TO AVOID:	Will Not Polymerize.

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:	LOCALIZE SPILL WITH SAND OR <i>KRYSTALSORB</i> ™, SCOOP TO CONTAINER, NEUTRALIZE WITH CURING AGENT. USE <i>ABZORB-IT</i> ™ TO ABSORB RESIDUAL MATERIAL. ADD TO CONTAINER.
WASTE DISPOSAL METHOD:	COLLECT MATERIAL IN OPEN CONTAINERS AND REMOVE TO A SAFE AREA. DISPOSE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL REGULATIONS.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)	<i>NOISH</i> -APPROVED RESPIRATORS RECOMMENDED WITH ADEQUATE VENTILATION. OBSERVE OSHA REGULATIONS.		
VENTILATION	LOCAL EXHAUST	YES	SPECIAL:
	MECHANICAL (general)	If Available.	OTHER:
PROTECTIVE GLOVES	YES	EYE PROTECTION: SAFETY GOGGLES	
OTHER PROTECTIVE EQUIPMENT	PROTECTIVE APRON RECOMMENDED.		

VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING	Store in Cool Place away from Heat and Open Flame. Avoid Prolonged Contact with Skin. Wash Hands Before Eating. Max. Allowable Concentration in air for work Area: 200 p.p.m.
OTHER HANDLING AND STORAGE CONDITIONS	STORE IN COOL DRY PLACE AWAY FROM HEAT AND OPEN FLAME. USE WITH ADEQUATE VENTILATION.

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