

W08

MATERIAL HEALTH AND  
SAFETY BULLETIN

MANUFACTURER'S NAME		T.R. INDUSTRIES	
STREET ADDRESS		11022 VULCAN STREET	
CITY, STATE AND ZIP CODE		SOUTH GATE, CALIFORNIA 90280-0893	
EMERGENCY PHONE NUMBER (24 Hours): Transportation Emergencies Call: CHEMTREC (800) 424-9300 Health Emergencies Call: Los Angeles Poison Information Center (213) 664-2121			
PRODUCT: TR #500 RESIN CLEANER SEALER CHEMICAL NAME: MIXTURE		WARNING STATEMENT: DANGER: Contains Petroleum distilled and Morpholine. Harmful if swallowed. Call a Physician immediately. Avoid eye contact and prolonged skin contact use in well ventilated area.	
CAS NUMBER: (Not Applicable for Blends)  N/A		KEEP OUT OF REACH OF CHILDREN.  FOR INDUSTRIAL USE ONLY.	
DOT (Proper Shipping Name)  <u>HAZARD RATING NFPA</u> 0-LEAST            FIRE            - <u>  2  </u> 1-SLIGHT           TOXICITY       - <u>  2  </u> 2-MODERATE       REACTIVITY    - <u>  0  </u> 3-HIGH             SPECIAL        - <u>  0  </u> 4-EXTREME			

SECTION I .. INGREDIENTS			
PRODUCT	CAS NUMBER	TLV	PERCENTAGES
MINERAL SPIRITS			
TODDARD SOLVENT	64741-41-9	500A	40-50%
TURPENTINE	8006642	100A	5%
ALCOHOL	67630	100A	5%
EARTH MINERALS	7631869	5ppm/cx3	5%
MORPHOLINE	110918	20B	.75%

\* Threshold Limit Value

A, Osha [ ] B, ACGII [ ] C, See Section III [ ] D, Other [ ] Cal Osha [ ]

Section II .. EMERGENCY AND FIRST AID PROCEDURES

EMERGENCY: Have a physician call: LOS ANGELES POISON INFORMATION CENTER  
(24 Hrs.) (213) 644-2121

EYE CONTACT	Gently flush with large quantities of water for at least 15 minutes. Seek medical attention immediately.
SKIN CONTACT	Remove any contaminated clothing. Wash with soap and large quantities of water. Seek medical attention if irritated.
INHALATION	If breathing difficulties, dizziness, or light-headedness occur when working in areas with high vapor concentration, move to outside air immediately. If breathing stops, begin artificial respiration and seek immediate medical attention.
INGESTION	If this product is swallowed, seek medical attention immediately. <u>DO NOT</u> induce vomiting unless directed by a physician.

Section III .. PHYSIOLOGICAL EFFECTS AND HEALTH INFORMATION

EYE EFFECTS	This product may be an eye irritant.  CAN CAUSE REDNESS OR TEARING.
SKIN EFFECTS	Prolonged skin contact may result in irritation and/or Dermatitis.
SYSTEMIC EFFECTS	Various studies have shown a possible association with exposure to this product and the following:  NAUSEA AND VOMITING.

CARCINOGEN: NTP IARC MONOGRAPHS OSHA

NONE KNOWN

## SECTION IV .. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify Type)	The use of respiratory protection depends on vapor concentration of the time-weighted TLV. Use a respirator/gas mask with appropriate cartridges and canister (NIOSH approved, if available), or supplied air equipment, depending on airborne concentration.
VENTILATION	If general mechanical ventilation proves inadequate to maintain safe vapor concentrations, supplemental local exhaust may be required. Other special precautions, such as respiratory protection, may be required if vapor concentrations cannot be reduced to below the TLV by ventilation.
EYE PROTECTION	Safety glasses and/or face shields are recommended.
PROTECTIVE GLOVES	The use of heavy rubber gloves is advised to prevent skin irritation and absorption.
OTHER PROTECTIVE EQUIPMENT	Impermeable aprons, availability of eye washes and safety are recommended.

## SECTION V .. REACTIVITY DATA

STABILITY	Unstable _____ Stable X
INCOMPATIBILITY (Materials to avoid)	
HAZARDOUS DECOMPOSITION PRODUCTS	Thermal decomposition in the presence of air may yield carbon monoxide and/or carbon dioxide.
HAZARDOUS POLYMERIZATION	May Occur _____ Will Not Occur X

## SECTION VI .. SPILL OR LEAK PROCEDURES

HIGHWAY OR RAILWAY SPILLS - CALL CHEMTREC (800) 424-9300

PRECAUTIONS IN CASE OF RELEASE OR SPILL	Stay upwind and away from spill unless wearing appropriate protective equipment. Stop and/or contain spill if it can be done safely. Keep all sources of ignition away.
WASTE DISPOSAL METHOD	Dispose of product in accordance with applicable local, county, state and Federal regulations.

SECTION VII .. STORAGE AND SPECIAL PRECAUTIONS	
HANDLING AND STORING PRECAUTIONS	Keep product containers cool, dry and away from sources of ignition. Use and store with adequate ventilation.
OTHER PRECAUTIONS	Personnel should avoid inhalation of vapors. Should contact be made, remove saturated clothing and flush with water.

SECTION VIII .. FIRE AND EXPLOSION HAZARD DATA	
DOT FLAMMABILITY CLASSIFICATION	Flash Point Range [ ] 20° F. [ ] 20° F. to 100° F. [X] 100° F. to 200° F. [ ] Over 200° F. [ ] None to Boiling
EXTINGUISHING MEDIA	Use Foam, CO <sub>2</sub> or dry chemical fire fighting apparatus.
UNUSUAL FIRE & EXPLOSION HAZARDS	Keep work areas free of hot metal surfaces and other sources of ignition.
HAZARDOUS POLYMERIZATION	The use of self-contained breathing apparatus is recommended for fire fighters. Avoid spreading burning liquid with water. Contact Fire Dept. immediately.

SECTION IX .. PHYSICAL DATA		
APPROXIMATE BOILING RANGE °F	180 - 310	Vapor Density: [X] Heavier [ ] Lighter Than Air
EVAPORATION RATE: [ ] Faster [X] Slower Than Ether	Percent Volatile: 65	Solubility in water: NEGLIGIBLE
SPECIFIC GRAVITY: [X] Lighter [ ] Heavier Than water	Weight Per Gallon: 7.72	VOC CONTENTS- 5LBS. PER GALLON
APPEARANCE AND ODOR:  THIS PRODUCT IS MILKY WHITE WITH CHARACTERISTIC ODOR.		

SECTION X .. DOCUMENTARY INFORMATION		
Product Code: 500	Issue date: 1/95	Prepared By: R.L.

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