

MATERIAL SAFETY DATA SHEET

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HMIS HAZARD RATING	
HEALTH	2
FIRE	3
REACTIVITY	0
PERSONAL PROTECTION	X

DATE OF PREPARATION
DECEMBER 9, 2004
BY TECHNICAL SERVICES

DATE OF UPDATE/REVIEW:
MARCH 4, 2008

SECTION 1 - PRODUCT IDENTIFICATION

ITEM NUMBER

1071

PRODUCT NAME

TECHNICIAN'S CHOICE TEC90 REMOVE ALL ADHESIVE REMOVER

PRODUCT CLASS

Solvent Degreaser

SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT CAS NUMBER	MAXIMUM % BY WT.	TLV ¹	PEL ²
PETROLEUM HYDROCARBON 64742-89-8	<70	400ppm	500ppm
XYLENE 1330-20-7	<15	100ppm	100ppm
TOLUENE 108-88-3	<15	100ppm skin	200ppm
ETHYLBENZENE 100-41-4	<5	100ppm	100ppm

Listed as IARC, NTP, or OSHA Carcinogen: None

SECTION 3 - PHYSICAL CHARACTERISTICS

BOILING POINT-RANGE: N/A
SPECIFIC GRAVITY: 0.7650
VAPOR PRESSURE(PSIG @ 70F) N/A
MELTING POINT: N/A
VAPOR DENSITY(AIR=1) >1
EVAPORATION RATE(ether=1) <1
SOLUBILITY IN WATER: SLIGHT
APPEARANCE AND ODOR: CLEAR LIQUID, SOLVENT ODOR

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SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT / METHOD: <70 F / TCC

FLAMMABLE LIMITS: LEL : N/A UEL : N/A

EXTINGUISHING MEDIA: Water fog or foam, dry chemical, carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment including self contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build up and possible autoignition or explosion when exposed to extreme heat. Vapors may travel a considerable distance to a source of ignition. Vapors are heavier than air and may collect in low areas.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Isolate from heat, electrical equipment, sparks, and open flame. closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

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SECTION 5 - HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

ACUTE HEALTH HAZARDS: Irritation of eyes, skin and respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death. Aspiration into lungs can be fatal.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Skin disorders. Heart and respiratory disorders.

CHRONIC HEALTH HAZARDS: Prolonged overexposure to solvent ingredients in (Section 2) may cause adverse effects to the lung, liver, urinary, cardiovascular and reproductive systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain damage and nervous system damage.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove exposure. Restore breathing. Keep warm and quite. Seek medical attention.

SKIN: Wash affected area with soap and water. Remove contaminated clothing and launder before reuse.

EYES: Flush with large amounts of water. Get medical attention.

IF SWALLOWED: Aspiration hazard. Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Seek medical attention.

NOTE TO PHYSICIANS: Exposure to excessive amounts may be associated to cardiac arrhythmias. Epinephrine and other sympathomimatic drugs may indicate cardiac arrhythmias in exposed persons. Other drugs should be considered. If sympathomimatic drugs are administered, observe for the development of cardiac arrhythmias.

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SECTION 6 - REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Strong Oxidizers, acids, chlorine, acetaldehyde,
ethylene oxide, isocyanates, aluminum surfaces above 120F
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide
HAZARDOUS POLYMERIZATION: Will not occur.
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SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED: FLAMMABLE. Remove all sources of ignition. Ventilate and remove with inert absorbent.
WASTE DISPOSAL METHOD: Waste from this product is hazardous as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.20-24 (D001)(D018). Dispose of in accordance with federal, state and local regulations. Empty containers should be completely drained, properly closed and shipped to a reconditioner.
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SECTION 8 - SPECIAL PROTECTION INFORMATION

VENTILATION: Use only with adequate ventilation. Avoid breathing vapor or mist. Local exhaust preferred. Maintain solvent concentrations below the limits found in SECTION 2.
RESPIRATORY PROTECTION: If exposure cannot be controlled below the limits in SECTION 2 a properly fitted organic vapor/particle type NIOSH/MSHA approved respirator. Refer to OSHA 1910.94, 1910.107, 1910.108.
SKIN PROTECTION: Gloves rated for protection against ingredients in SECTION 2.
EYE PROTECTION: Safety glasses with side shields or chemical goggles.
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SECTION 9 - PRECAUTIONARY INFORMATION

PRECAUTIONS TO BE TAKEN IN STORING AND HANDLING: Contents are extremely flammable. Keep containers tightly closed. Keep away from any heat or spark source. Vapors will accumulate readily and may ignite explosively. Do not smoke and turn off any source of ignition before use. Use of explosion proof is required. Consult NFPA CODE. Heat from sunlight, radiators, stoves, hot water or other sources of heat could cause the container to burst. Wash thoroughly after handling. Do not wear contaminated clothing or shoes. Use good personal hygiene practices. Empty containers contain residue that are dangerous.

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SECTION 10 - US FEDERAL REGULATORY INFORMATION

D.O.T. REQUIREMENTS (49CFR 172.101)

FLAMMABLE LIQUID, N.O.S., (NAPHTHA SOLVENT, TOLUENE), 3, UN1993, PG II

RQ 49CFR 172.101 AND CERCLA RQ - 40CFR 302.4 (REPORTABLE QUANTITY)

COMPONENT	RQ (lb.)	OF THIS PRODUCT
XYLENE	100	649

TSCA (Toxic Substances Control Act) Status

The intentional ingredients of this product are listed.

SARA 302 COMPONENTS - 40CFR 355 Appendix A

COMPONENT	TPQ (lb.)	RQ (lb.)
NONE		

SECTION 311/312 HAZARD CLASS - 40CFR 370.2

Immediate	(X)	Reactive	()
Delayed	(X)	Sudden Release of Pressure	()
Fire	(X)		

SARA 313 COMPONENTS - 40CFR 372.65

COMPONENT	CAS NUMBER	MAXIMUM PERCENT
XYLENE	1330-20-7	18

WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)

INGREDIENT	MAX. % BY WT.	LD50 mg/kg	LC50 mg/L
PETROLEUM HYDROCARBON	70		
XYLENE	15	2500.0	1000.0
TOLUENE	15	2500.0	8000.0
ETHYLBENZENE	5	3500.0	

CALIFORNIA PROPOSITION 65

This product contains substances known by the state of California to cause cancer and birth defects or other reproductive harm.

XYLENE
TOLUENE

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The information contained herein is based on data we believe to be correct. Any use of the product that is not in conformance with this MSDS or which involves using the product in combination with any other product or any process is the responsibility of the user.

¹ ACGIH

² OSHA