

# MATERIAL SAFETY DATA SHEET

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HMIS HAZARD RATING	
HEALTH	1
FIRE	4
REACTIVITY	0
PERSONAL PROTECTION	C

DATE OF PREPARATION  
JUNE 18, 2004  
BY TECHNICAL SERVICES

DATE OF UPDATE/REVIEW  
JANUARY 30, 2006

## SECTION 1 - PRODUCT IDENTIFICATION

ITEM NUMBER

**1802**

PRODUCT NAME

**TECHNICIAN'S CHOICE TEC414 REFLECTION NON-SILICONE SOLVENT  
DRESSING**

PRODUCT CLASS

Solvent Tire Dressing

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT CAS NUMBER	MAX. % BY WT.	TLV <sup>1</sup>	PEL <sup>2</sup>
PETROLEUM HYDROCARBON 142-82-5	60-80	400ppm	500ppm

Listed as IARC, NTP, or OSHA Carcinogen: None

## SECTION 3 - PHYSICAL CHARACTERISTICS

BOILING POINT-RANGE:	N/A
VAPOR PRESSURE (mmHg)	N/A
VAPOR DENSITY(AIR=1)	>1
SOLUBILITY IN WATER:	INSOLUBLE
% VOLATILE (VOLUME)	75-80
SPECIFIC GRAVITY:	0.7193
MELTING POINT:	N/A
EVAPORATION RATE(butyl acetate)	<1
APPEARANCE AND ODOR:	CLEAR LIQUID, VANILLA ODOR

## SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT / METHOD: 17 F / TCC  
FLAMMABLE LIMITS: LEL : 0.7 UEL : 9.5

**EXTINGUISHING MEDIA:** Water fog, dry chemical, foam or 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.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Extremely Flammable. 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  
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**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.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Headache, dizziness, nausea, and loss of coordination, fatigue loss of appetite and abdominal pain 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:** Dermatitis. Heart and respiratory disorders.

**CHRONIC HEALTH HAZARDS:** Prolonged overexposure to solvent ingredients in (Section 2) may cause adverse effects to the Reports have associated repeated and prolonged overexposure to solvents with permanent brain damage periphial nervous system damage and nervous system damage known as Solvent or Painters Syndrome.

**EMERGENCY AND FIRST AID PROCEDURES:**

**INHALATION:** Remove exposure. Restore breathing. Keep warm and quite.

**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:** Never give anything by mouth to an unconscious person. DO NOT INDUCE VOMITING. Seek medical attention.

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SECTION 6 - REACTIVITY DATA  
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STABILITY: Stable

INCOMPATIBILITY: Strong Oxidizers, strong alkalis, strong mineral acids

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon dioxide, carbon monoxide, formaldehyde

HAZARDOUS POLYMERIZATION: Will not occur.

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SECTION 7 - SPILL OR LEAK PROCEDURES  
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**STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR LEAKED:** Remove all sources of ignition. Ventilate and remove with inert absorbent.

**WASTE DISPOSAL METHOD:** Waste from this product is hazardous (D001 and D018) as defined by the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Dispose of in accordance with federal, state and local regulations.

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SECTION 8 - SPECIAL PROTECTION INFORMATION

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**VENTILATION:** Use only with adequate ventilation and freely circulating air. Do not use in confined spaces as explosive vapors may readily accumulate. Use explosion proof equipment only. Avoid breathing vapor or mist.

**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

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**PRECAUTIONS TO BE TAKEN IN STORING AND HANDLING:** Contents are extremely flammable. Keep away from any heat or spark source. Empty containers contain explosive vapors. Do not reuse or work empty container in any manner. Contents may be under pressure, open containers slowly to remove any pressure. Do not expose container to elevated temperatures that could cause the container to burst. Heat from sunlight, radiators, stoves, hot water or other sources of heat could cause the container to burst. Vapors will accumulate readily and may ignite explosively. Do not smoke and turn off any source of ignition before use. Consult NFPA CODE and OSHA Standards for storage and use of extremely flammable product. Launder contaminated clothing before reuse.

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SECTION 10 - US FEDERAL REGULATORY INFORMATION

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

FLAMMABLE LIQUID N.O.S., 3, UN1993, PG II (HEPTANE)

**RQ 49CFR 172.101 (REPORTABLE QUANTITY)**

COMPONENT	RQ (lb.)	OF THIS PRODUCT
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**TSCA (Toxic Substances Control Act) Status**

The intentional ingredients of this product are listed.

**CERCLA RQ - 40CFR 302.4**

COMPONENT	RQ (lb.)	OF THIS PRODUCT
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**SARA 302 COMPONENTS - 40CFR 355 Appendix A**

COMPONENT	TPQ (lb.)	RQ (lb.)
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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
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**WORKPLACE HAZARDOUS INFORMATION SYSTEM (WHMIS)**

INGREDIENT	MAX. % BY WT.	LD50	LC50
PETROLEUM HYDROCARBON 142-82-5	80	N/A	N/A

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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.

<sup>1</sup> ACGIH

<sup>2</sup> OSHA