



MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: L750 CUTTING AND TAPPING FLUID PRODUCT NUMBER:		
TRADE NAME: L750 CUTTING AND TAPPING FLUID		
GENERAL USE: Cutting and Tapping Fluid		
PRODUCT DESCRIPTION: Liquid		
CHEMICAL FAMILY: Hydrocarbon-fluoropolymer blend.		
MANUFACTURER / RESPONSIBLE PARTY: LOCK-N-STITCH Inc.		
TELEPHONE NUMBER (for general inquiries) (209) 632-2345		
24-HOUR EMERGENCY TELEPHONE NUMBERS		
ADDRESS (NUMBER, STREET, P.O. BOX) 1015 S.Soderquist Road.		1-800-255-3924
(CITY, STATE AND ZIP CODE) Turlock, CA 95380		TOLL-FREE in North America (USA/Canada)
COUNTRY USA		01-813-248-0573
DATE PREPARED: September 13, 2010 EXPIRATION DATE: September 12, 2013 SUPERSEDES: January 20, 2009		International calls outside the United States and Canada

SECTION 2 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Caution! Combustible liquid. Aspiration hazard if swallowed. Can enter lungs and cause damage. May cause eye and skin irritation. May cause respiratory tract irritation. May cause digestive tract irritation. May cause central nervous system depression. Target Organs: Central nervous system.

US (DOT)	CANADA (WHMIS) SYMBOL(S)	EUROPEAN	(GHS) HAZARD SYMBOLS
None			

HMIS HAZARD RATINGS							
0 = INSIGNIFICANT, 1 = SLIGHT, 2 = MODERATE 3 = HIGH, 4 = EXTREME * - CHRONIC HEALTH HAZARD	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="background-color: #e6f2ff;">HEALTH:</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="background-color: #ffe6e6;">FLAMMABILITY:</td> <td style="text-align: center;">2</td> </tr> <tr> <td style="background-color: #ffe6cc;">PHYSICAL HAZARD:</td> <td style="text-align: center;">0</td> </tr> </table>	HEALTH:	1	FLAMMABILITY:	2	PHYSICAL HAZARD:	0
HEALTH:	1						
FLAMMABILITY:	2						
PHYSICAL HAZARD:	0						

REQUIRED PERSONAL PROTECTIVE EQUIPMENT:	
HMIS PERSONAL PROTECTIVE EQUIPMENT LETTER: <div style="text-align: center; font-size: 24px; font-weight: bold;">B</div>	<div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center; color: red; font-weight: bold;">Safety glasses and rubber or plastic gloves should be worn.</p>

RISK PHRASES
R 65 Harmful: may cause lung damage if swallowed.

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SAFETY PHRASES S 23: Do not inhale gas/fumes/vapour/spray. S 24: Avoid contact with skin. S 62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.					
POTENTIAL HEALTH EFFECTS					
ACUTE EXPOSURE EFFECTS					
INHALATION: Inhalation of high concentrations may cause central nervous system effects characterized by nausea, headache, dizziness, unconsciousness and coma. May cause cyanosis (bluish discoloration of skin due to deficient oxygenation of the blood). Inhalation of decomposition products of PTFE (over 290°C/554°F) may cause polymer fume fever, a temporary flu-like illness accompanied by fever, chills, and sometimes cough, of approximately 24 hours duration. Repeated episodes of polymer fume fever may cause lung damage.					
SKIN: May cause irritation. May be absorbed through the skin					
EYES: May cause eye irritation.					
INGESTION: Aspiration hazard if swallowed. May cause gastrointestinal irritation with nausea, vomiting and diarrhea. Aspiration of material into the lungs may cause chemical pneumonitis, which may be fatal.					
CHRONIC EXPOSURE EFFECTS					
Prolonged or repeated exposure may cause nausea, dizziness, and headache.					
CARCINOGENICITY					
NTP? NO		IARC MONOGRAPHS? NO		OSHA REGULATED? NO	
CALIFORNIA, Prop.65? NO		ESIS NOTATION? NO			
SECTION 3 - HAZARDOUS INGREDIENTS					
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
PETROLEUM DISTILLATE	>90	64742-47-8	265-149-8	R65	None
POLYTETRAFLUOROETHYLENE	5	9002-84-0	204-126-9.	None	None
NOTES: This Material Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS), and European Union Directives. Hazard symbols and risk phrases are based on maximum listed concentration of each hazardous ingredient. Unlisted ingredients are not "hazardous" per the OSHA Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) or the European Union directives and are considered trade secrets under US Federal Law (29CFR and 40CFR), Canadian Law (Health Canada Legislation), and European Union Directives.					
SECTION 4 - FIRST AID MEASURES					
INHALATION: Remove victim to fresh air. If breathing is difficult get medical attention.					
EYES: Remove contact lenses. Flush with running potable water for 15 minutes, lifting upper and lower lids occasionally. If irritation persists, get medical attention.					
SKIN: Remove contaminated clothing and shoes. Wash thoroughly with soap and water. Seek medical attention if irritation persists.					
INGESTION: Obtain immediate medical attention. Call a poison control center. Do not induce vomiting. If vomiting occurs, keep head below hips. Rinse mouth with water. Never give anything by mouth to an unconscious person.					




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SECTION 5 - FIRE FIGHTING MEASURES			
DATA RELATED TO FIRE:			
FLASH POINT: 87.7°C (190°F)		AUTO-IGNITION TEMPERATURE: NA	
FLAMMABLE/EXPLOSIVE LIMITS: LOWER: NA		UPPER: NA	
SENSITIVITY TO MECHANICAL IMPACT / STATIC DISCHARGE: Not sensitive.			
GENERAL HAZARDS: Combustible liquid. Keep away from Heat, Sparks and Open Flames.			
SUITABLE EXTINGUISHING MEDIA: Carbon dioxide, dry chemical, foam. Water fog.			
UNSUITABLE EXTINGUISHING MEDIA: Water Spray may spread flames as product floats on water.			
FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus required. Firefighters should wear the usual protective (turnout) gear.			
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.			
HAZARDOUS COMBUSTION PRODUCTS: Hydrogen fluoride, Hydrofluoric acid, Carbon monoxide, Carbon Dioxide, Small amounts of nitrogen oxides			
SECTION 6 - ACCIDENTAL RELEASE MEASURES			
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Remove all sources of ignition. Use a spark-proof tool. Dispose of in DOT approved waste containers.			
SECTION 7 - HANDLING AND STORAGE			
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Empty containers retain product residue, (liquid and/or vapor), and can be dangerous. Keep container tightly closed. Keep away from heat, sparks and flame. Avoid ingestion and inhalation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks or open flames. Storage: Keep away from heat, sparks, and flame. Keep away from sources of ignition. Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.			
SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION			
Component	CAS #	ACGIH Exposure Limits (mg/m ³ unless otherwise noted)	OSHA Exposure Limits (mg/m ³ unless otherwise noted)
PETROLEUM DISTILLATE	64742-47-8	200 mg/m ³	NE
POLYTETRAFLUOROETHYLENE	9002-84-0	NE	NE
PERSONAL PROTECTION			
RESPIRATORY PROTECTION: Use NIOSH or European EN-149 approved respirator if there is potential to exceed exposure limit(s).			
PROTECTIVE GLOVES: Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.			
EYE PROTECTION: Safety goggles or safety glasses with side shields.			
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Wear protective clothing and an apron to reduce skin contact. Eye wash facility should be in close proximity. Emergency shower should be in close proximity.			

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ENGINEERING CONTROLS: Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.	
WORK / HYGIENIC PRACTICES: Wash with soap and water after handling the product and before eating, drinking, smoking or using restroom facilities.	
SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES	
APPEARANCE AND ODOR Liquid	VAPOR PRESSURE 0.2 @ 20°C.
ODOR THRESHOLD NE	SPECIFIC GRAVITY (WATER = 1) NE
FREEZING / MELTING POINT NE	BOILING POINT NE
SOLUBILITY IN WATER Insoluble	COEFFICIENT OF WATER / OIL DISTRIBUTION Not available but favors oil.
pH NA	SOLUBILITY IN ORGANIC SOLVENTS Not available.
FLASH POINT 87.7°C (190°F)	VISCOSITY NA
FLAMMABLE LIMITS LEL: NE UEL: NE	VAPOR DENSITY (AIR = 1) 5.3
AUTOIGNITION TEMPERATURE NE	EVAPORATION RATE (WATER = 1) NE
VOLATILE ORGANIC COMPOUND (VOC) INFORMATION 95% Wt.	
SECTION 10 - STABILITY AND REACTIVITY	
STABILITY Stable under normal conditions.	CONDITIONS TO AVOID: Excessive heat.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing agents. Metallic salts.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Hydrogen fluoride, Hydrofluoric acid. Inhalation of decomposition products of PTFE (over 290°C/554°F) may cause polymer fume fever, a temporary flu-like illness accompanied by fever, chills, and sometimes cough, of approximately 24 hours duration. Repeated episodes of polymer fume fever may cause lung damage.	
HAZARDOUS POLYMERIZATION: Will not occur.	CONDITIONS TO AVOID: None related to polymerization.
SECTION 11 - TOXICOLOGICAL INFORMATION	
Complete Product	
Oral LD₅₀	Product is a mild gastro-intestinal irritant.
Dermal LD₅₀	Not known - product is mildly irritating by contact with skin. May be harmful if absorbed through skin.
Inhalation LC₅₀	Not known
Irritation / Sensitization	Chemical and mechanical irritant to eyes; possible irritant to skin and respiratory tract if inhaled as a mist..
Carcinogenicity	Not Known
Mutagenicity	Not Known
Reproductive Toxicity	Not known
Teratogenicity	Not known

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Product Components			
Component	CAS #	LD50 of Ingredient (Oral, Rat - unless otherwise specified)	LC50 of Ingredient (Inhalation, Rat - unless otherwise specified)
PETROLEUM DISTILLATE	64742-47-8	NE	NE
POLYTETRAFLUOROETHYLENE	9002-84-0	NE	NE
SECTION 12 - ECOLOGICAL INFORMATION			
No information is available on this product.			
SECTION 13 - DISPOSAL CONSIDERATIONS			
WASTE DISPOSAL METHOD: Dispose of in a manner consistent with federal, state, and local regulations. RCRA P-Series: None listed. RCRA U-Series: CAS# 80-15-9 Cumene Hydroperoxide: waste number U096 (Reactive waste).			
SECTION 14 - TRANSPORT INFORMATION			
PROPER SHIPPING NAME: Not regulated			
DOT HAZARD CLASS / Pack Group: Not regulated		IATA HAZARD CLASS / Pack Group: Not regulated	
REFERENCE: 49CFR, IATA, IMDG		IMDG HAZARD CLASS: Not regulated	
UN / NA IDENTIFICATION NUMBER: NA		RID/ADR Dangerous Goods Code: NA	
HAZARD SYMBOLS: None.		Hazard Identification Number (HIN): NA	
Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.			
SECTION 15 - REGULATORY INFORMATION			
TSCA (USA - Toxic Substance Control Act):		Ingredients are listed.	
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):			
Acute Health: No		Chronic Health: No	
Fire: Yes		Sudden Release of Pressure: No	
Reactive: No			
SARA 313 REPORTABLE INGREDIENTS: None reportable.			
CERCLA (USA - Comprehensive Response Compensation and Liability Act): NO RQ's are listed.			
State Right to Know Lists: None listed.			
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986: No Listings.			
CPR (Canadian Controlled Products Regulations): This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all of the information required by those regulations. WHMIS Classifications: B3.			
			
IDL (Canadian Ingredient Disclosure List):			
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List) Ingredients are listed on Canada's DSL List.			
EINECS (European Inventory of Existing Commercial Chemical Substances):		Referenced.	
WGK Water Quality Index: NA			
EU RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU/GHS LABEL	EU SAFETY PHRASES:	
R 65: Harmful: may cause lung damage if swallowed.	Harmful  	S 23: Do not inhale gas/fumes/vapour/spray. S 24: Avoid contact with skin. S 62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.	

SECTION 16 - OTHER INFORMATION

Legend:

ACGIH	American Congress of Government Industrial Hygienists		
CAS	Chemical Abstracts Service		
EINECS	European Inventory of Existing Commercial Chemical Substances		
HMIS	Hazardous Materials Identification System		
IARC	International Agency for Research on Cancer		
NA	Not Available	ND	Not Determined
NE	Not Established	NR	Not Reported
NIOSH	National Institute for Occupational Safety and Health		
NTP	National Toxicology Program		
OSHA	Occupational Safety and Health Administration		

REVISION SUMMARY:
 Revised to USA (ANSI), CANADA (WHMIS), EU, and GHS standards 9/13/2010 supersedes 1/20/2009 issue. --JTV--.

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use.

Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.