

I. PRODUCT AND COMPANY IDENTIFICATION

Company: Simpson Strong-Tie Company, Inc.
Address: 5956 W. Las Positas Blvd.
Pleasanton, CA 94588

Product Name: **PT-MTL4.0**

Product Description: **Powder Actuated Tools Lubricant**

Emergency Contact No.: 1-800-535-5053 USA
1-352-323-3500 **International**

Date Prepared or Revised: May 2008.
Supercedes: 5/1/01
For most current MSDS, please visit our web site at www.simpsonanchors.com

II. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical Names | CAS Numbers |
|---|-------------|
| Petroleum Solvent / Fluoropolymer Mixture | N/E |

The remaining ingredients are designated as "trade secret".

III. HAZARD IDENTIFICATION**EMERGENCY OVERVIEW**

Non-corrosive.
Flammable.
May cause eye and skin irritation.

POTENTIAL HEALTH EFFECTS**ACUTE**

Eye Contact: May cause eye irritation, swelling, tearing, redness or cornea damage.
Skin Contact: Moderate irritation.
Inhalation: Moderate irritation to the nose and respiratory tract. May cause central nervous system depression, evidenced by headache, dizziness, and nausea. Inhalation of high concentrations of vapor is harmful and may cause central nervous system damage, unconsciousness and death. Intentional misuse of this product can be fatal. Inhalation of fumes from over heating the fluoropolymer component may cause polymer fume fever, a temporary flu-like illness with fever, chills, and sometimes cough, of approximately 24 hours duration. Smokers should avoid contamination of tobacco products, and should wash their hands before smoking.
Ingestion: May cause irritation to the gastrointestinal tract.
Systemic Effects: Lungs, eyes, and skin.

IV. FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of cool water for at least 15 minutes while holding the eyes open. If redness, burning, blurred vision, or swelling persists, **CONSULT A PHYSICIAN.**

Skin Contact: Remove product and immediately wash affected area with soap and water. Do not apply greases or ointments. Remove contaminated clothing. Wash clothing with soap and water before reuse. If redness, burning, or swelling persists, **CONSULT A PHYSICIAN.**

Ingestion: **DO NOT INDUCE VOMITING.** Never administer anything by mouth to an unconscious person. Rinse out mouth with water, then drink sips of water to remove taste from mouth. **CONSULT A PHYSICIAN** if vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Inhalation: Immediately remove patient to fresh air. If patient continues to experience difficulty breathing, **CONSULT A PHYSICIAN.**

V. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Water fog, carbon dioxide or dry chemical, aqueous foam.

Fire And Explosion Hazard: Extremely flammable. Vapors may form a flammable atmosphere. Heavier than air. Vapors may concentrate on floor and form explosive mixture. Apply outdoors or in a well-ventilated area.

Fire Fighting Equipment and Procedures: Wear full protective clothing and self-contained breathing apparatus for fire fighting. Isolate fuel supply from fire. Clear fire area of all non-emergency personnel. Use water spray to cool fire-exposed surfaces and containers.

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use cautious judgment when cleaning up spill. Shut off leaks, if possible without personal risk. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

Environmental Precautions: Construct a dike to prevent spreading. Keep out of sewers, storm drains, surface waters, and soils.

Clean-up Methods: **Small spills:** Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal. **Large spills:** Approach suspected leak areas with caution. Create a dike or trench to contain material. Soak up with absorbent material such as clay, sand or other suitable non-reactive material. Place in leak-proof containers. Seal tightly for proper disposal.

Additional Information: Notify authorities if any exposures to the general public or environment occur or are likely to occur. Dispose in accordance with federal, state, and local regulations.

VII. STORAGE AND HANDLING

Storage: Keep away from high heat area above 100°C. Keep in clean, dry, and well-ventilated area.

Handling: To prevent skin and eyes contact under the foreseeable conditions of use, wear appropriate protective clothing and safety eyewear. When handling, do not eat, drink, or smoke. Wash hands thoroughly after handling. Avoid breathing high concentration of vapor. Handle in a well-ventilated work area.

VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Measure: Wear appropriate personal protective equipment.

Eye Protection: Avoid contact with eyes. Wear chemical splash goggles or safety glasses with side shields.

Hand Protection: Gloves should be worn to avoid repeated exposure.

Respirator Protection: Not required for properly ventilated areas.

Exposure Limits:

| Chemical Names | ACGIH (TLV) | OSHA (PEL) |
|---|-------------|------------|
| Petroleum Solvent / Fluoropolymer Mixture | N/E | N/E |

IX. PHYSICAL AND CHEMICAL PROPERTIES

Form: Thin fluid

Color: Milky fluid

Odor: Slight Hydrocarbon odor

Vapor Pressure: Approximately 60 mm Hg @ 25°C (77°F)

Boiling Point: Approximately 95°C - 106°C (202°F - 222°F)

Freezing Point: N/E

Flash Point: -7°C (19°F)

Flammable Limits: **Upper:** 7% @ 25°C
Lower: 0.9% 25°C

Autoignition Temperature: Approximately 399°C (750°F)

Specific Gravity: 0.70 (15.6°C – 15.6°C)
% Volatile by weight: 100% @ 1ATM and 25°C (77°F)
Solubility In Water: Negligible: Less than 0.1%

X. REACTIVITY DATA

Stability: Stable.
Conditions To Avoid: Avoid open flames and/or electrical heating elements.
Hazardous Decomposition Products: Will occur. Small amount of Hydrogen Fluoride and Fluorine may be released.
Hazardous Polymerization: Will not occur.

XI. TOXICOLOGICAL PROPERTIES

Acute Oral (LD₅₀, Rat): > 5000 mg/kg. Single dose is low.
Acute Dermal (LD₅₀, Rabbit): N/E
Acute Inhalation (LC₅₀, Rat): > 1000 ppm

XII. DISPOSAL CONSIDERATIONS

Waste From Residues / Unused Products: This material is a hazardous waste by RCRA criteria (40 CFR 261). Dispose of container and unused contents in accordance with federal, state, and local requirements.

XIII. TRANSPORTATION

US DOT (CFR): ORM-D
IATA: UN 1993, Flammable Liquid, n.o.s. (Petroleum Naphtha), 3, II, Pkg Inst 305
IMO: UN 1993, Flammable Liquid, n.o.s. (Petroleum Naphtha), 3, II, (-7°C c.c)

XIV. REGULATORY INFORMATION

| Country | Regulatory List |
|---------|-----------------|
| USA | TSCA |

EPA SARA Title III Section 312 (40 CFR 370) Hazardous Classification:

Acute health hazard.

EPA SARA Title III Section 313 (40 CFR 372) Component(s) above ‘de minimus’ level:

None.

U.S. California “Safe Drinking Water and Toxic Enforcement Act” (Proposition 65): This product contains small traces of the following chemicals that are known to the State of California to cause cancer and/or reproductive toxicity and other harm.

None

XV. OTHER INFORMATION

HMIS RATING

| Health | Flammability | Physical Hazard |
|--------|--------------|-----------------|
| 2 | 3 | 0 |

N/E – Not Established

This Material Safety Data Sheet (MSDS) is prepared by Simpson Strong-Tie Co. in compliance with the requirements of OSHA 29 CFR Part 1910.1200. The information it contains is offered in good faith as accurate as of the date of this MSDS. This MSDS is provided solely for the purpose of conveying health, safety, and environmental information. No warranty, expressed or implied, is given. Health and Safety precautions may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.