

**TEMPIL°, INC.**

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**MATERIAL SAFETY DATA SHEET**

MSDS NO: TS- 400C - 420C  
DATE: June 10, 2000  
EMERGENCY NO: 800-424-9300 FAX: 908-757-9273

**SECTION 1 MATERIAL IDENTIFICATION**PRODUCT NAME: **TEMPILSTIK 400°C/752°F, 420°C/788°F**

GENERIC NAME OR FAMILY: Temperature Indicating Product

SHIPPING NAMES: **DOT:** Non-regulated**IATA:** Non-regulated

HAZARDOUS COMPONENTS OF MIXTURE	WEIGHT %	OSHA PEL (PPM)	ACGIH TLV (PPM)	CAS Number
Molybdenum Compounds	50-55	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	7439-98-7
Molybdenum Trioxide	20-25	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	1313-27-5
Sodium Sulfate	8-12	N.E.	N.E.	7757-82-6
Non-hazardous ingredients	8-22			

**SECTION 313 SUPPLIER NOTIFICATION**

This product contains the following toxic chemical (s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of CFR 372:

Chemical Name	%	CAS Number
Molybdenum Trioxide	20-25	1313-27-5
Sodium Sulfate	8-12	7757-82-6

**SECTION 2 PHYSICAL DATA**

BOILING POINT (°F): N.E.	SPECIFIC GRAVITY (H <sub>2</sub> O = 1): N.E.
VAPOR PRESSURE (mm Hg.): N.E.	PERCENT VOLITILE BY VOLUME (%) : N.A.
VAPOR DENSITY (AIR =1): N.E.	EVAPORATION RATE (N-Butyl Acetate = 1) : N.A.
SOLUBILITY IN WATER: Negligible	VOLATILE ORGANIC COMPOUNDS (VOC) : N.A.
APPEARANCE AND ODOR: Crayon like solid stick	

**SECTION 3 FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT ( and Method): N.E.	FLAMMABLE LIMITS	<u>LOWER</u> N.E.	<u>UPPER</u> N.E.
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EXTINGUISHING MEDIA: Water, CO<sub>2</sub>, dry chemical, foam

SPECIAL FIRE FIGHTING PROCEDURES: Wear self contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Not Known

**SECTION 4 - REACTIVITY HAZARD DATA**

<input type="checkbox"/> STABILITY: Stable	CONDITIONS TO AVOID: Not applicable
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Incompatibility (Materials to Avoid): Strong oxidizing agents or strong mineral acids.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur	CONDITIONS TO AVOID: Not applicable
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## SECTION 5 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection (Specify Type): NIOSH approved respirator if ventilation is insufficient

Protective Gloves: Rubber

Eye Protection: Safety glasses

<b>VENTILATION TO BE USED</b>	<input type="checkbox"/> Local Exhaust	Mechanical(general): If local exhaust is insufficient
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Other Protective Clothing & Equipment: Not normally required.

Hygienic Work Practices: Wash hands thoroughly after using this product.

## SECTION 6 - HEALTH HAZARD DATA

**PRIMARY ROUTES OF ENTRY**    ☐ Inhalation    ☐ Skin Absorption

<b>HEALTH HAZARDS</b>	Acute: May cause eye, skin or respiratory tract irritation. Chronic: Unknown
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Signs & Symptoms of Exposure: Skin irritation. Vapors may cause headache, dizziness, nausea.

Target Organ Information: Unknown

**EMERGENCY FIRST AID PROCEDURES** - Seek medical assistance for further treatment, observation and support if necessary.

Eye Contact: Flush with water for 15 minutes	Skin Contact: Wash with soap and water.
Inhalation: Remove to fresh air. If breathing is difficult, obtain medical attention.	Ingestion: Obtain immediate medical attention.

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if Material Is Spilled or Released: Sweep up and place in bag for waste disposal.

Waste Disposal Methods: Dispose of in accordance with all Federal, State and local laws.

Precaution to be taken in Handling & Storage: Store in cool, dry area. Avoid skin contact. Avoid breathing vapors.

Other Precautions and/or Special Hazards: Not applicable

HMIS rating: 0= Minimal hazard

1= Slight hazard

2= Moderate hazard 3= Serious hazard

4= Severe hazard

**Health: 2      Flammability: 1      Reactivity: 0**

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