

**Material Safety Data Sheet**  
May be used to comply with  
OSHA's Hazard Communication Standard.  
29 CFR 1910.1200. Standard must be consulted  
for specific requirements.

U.S. Department of Labor  
Occupational Safety & Health Administration  
(Non-Mandatory Form) Form Approved  
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

## TRIZOL SILICONE SPRAY LUBRICANT

### SECTION I:

Manufacturer's Name:  
Address:

CASTOLEUM CORPORATION  
P.O. BOX 41 - CENTUCK STATION  
YONKERS, NY 10710  
800-424-9300 (Chemtrec)  
914-664-5877  
JANUARY 10, 2003

Emergency Telephone Number:  
Telephone Number for Information:  
Date Prepared:

### SECTION II : - HAZARDOUS INGREDIENTS/IDENTIFY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s)):	OSHA PEL	ACGIH TLV	% OPTIONAL
HEPTANE	142-82-5	400	32.0
HEXANE	110-54-3	50	32.0
PROPANE	74-98-6	1000	14.5
ISOBUTANE	75-28-5	800	14.5

\*\*\* BALANCE OF FORMULA IS SILICONE \*\*\*

### SECTION III:- PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: PROPANE -43.7F.  
VAPOR PRESSURE (mm Hg): SOLVENT MIX 70.0  
VAPOR DENSITY (AIR=1): SOLVENT MIX 3  
SPECIFIC GRAVITY (H2O=1): SOLVENT MIX 0.677  
MELTING POINT: SOLVENT MIX -131F  
EVAPORATION RATE (Butyl Acetate=1): SOLVENT MIX 4  
SOLUBILITY IN WATER: SOLVENT MIX NEGLIGIBLE  
APPEARANCE AND ODOR: COLORLESS / ALIPHATIC HYDROCARBON ODOR.

### SECTION IV:- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method Used) PROPANE 156 F TCC  
FLAMMABLE LIMITS: PROPANE  
LEL: 2.2  
UEL: 8.9

**EXTINGUISHING MEDIA:** FOAM, DRY CHEMICAL, CO2

**SPECIAL FIRE FIGHTING PROCEDURE:** HANDLE AS EXTREMELY FLAMMABLE LIQUID COOL CONTAINERS EXPOSED TO HEAT WITH WATER. USE AIR SUPPLIED BREATHING EQUIPMENT FOR ENCLOSED AREAS.

**UNUSUAL FIRE & EXPLOSION HAZARDS:** CONTENTS UNDER PRESSURE.

### SECTION V:- REACTIVITY DATA

STABILITY: STABLE  
CONDITIONS TO AVOID: KEEP AWAY FROM HEAT, SPARKS OR OPEN FLAME. DO NOT STORE ABOVE 120 F.  
INCOMPATIBILITY (Materials to Avoid): NONE  
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: CO, CO2 MAY BE FORMED DURING COMBUSTION.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

## **SECTION VI:- HEALTH HAZARDS DATA (SS-901)**

### **ROUTE(S) OF ENTRY**

**INHALATION:** YES  
**SKIN:** YES  
**INGESTION:** UNUSUAL

**HEALTH HAZARDS (Acute and Chronic):** REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENT WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

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**CARCINOGENICITY:** NO  
**NTP?** NO  
**IARC MONOGRAPHS?** NO  
**OSHA REGULATED?** NO

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**SIGNS AND SYMPTOMS OF EXPOSURE:** HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF CONSCIOUSNESS.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** MAY CAUSE DEFATTING & DRYING OF SKIN. MAY IRRITATE MUCOUS MEMBRANES OF RESPIRATORY TRACT. OVEREXPOSURE MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

**EMERGENCY & FIRST AID PROCEDURES:** INHALATION: REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. SKIN CONTACT: WASH WITH SOAP & WATER, REMOVE CONTAMINATED CLOTHING. EYE CONTACT: FLUSH WITH WATER FOR 10 MINUTES. IF IRRITATION PERSISTS CALL PHYSICIAN. INGESTION: DO NOT INDUCE VOMITING CALL PHYSICIAN IMMEDIATELY.

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## **SECTION VII:- PROCEDURES FOR SAFE HANDLING & USE**

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

- ELIMINATE SOURCES OF HEAT OR IGNITION – VENTILATE AREA. APPLY ABSORBENT MATERIAL TO SPILLED AREA.

### **WASTE DISPOSAL METHOD:**

- ABSORBING MATERIAL OR DEFECTIVE CONTAINERS SHOULD BE DISPOSED AT RCRA APPROVED TS & D FACILITY & ACCORDING TO FEDERAL, STATE & LOCAL LAWS.

### **PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

- EXTREMELY FLAMMABLE. STORE & USE AWAY FROM ALL HEAT & IGNITION SOURCES. USE ADEQUATE VENTILATION. HAZARDOUS WASTE NUMBER: DOO

### **OTHER PRECAUTIONS:**

- CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120F. DO NOT PUNCTURE OR INCINERATE.

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## **SECTION VIII: CONTROL MEASURES:**

### **RESPIRATORY PROTECTION (specific Type)**

- USE NIOSH APPROVED ORGANIC VAPOR RESPIRATORY IF VENTILATION IS INADEQUATE.

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### **VENTILATION:**

**LOCAL EXHAUST:** YES  
**SPECIAL:** N/A  
**MECHANICAL(General)** IF REQUIRED  
**OTHER** N/A  
**PROTECTIVE GLOVES:** NEOPRENE, IF SUBJECTED TO EXPOSURE.  
**EYE PROTECTION:** SAFETY GOGGLES  
**OTHER PROTECTIVE CLOTHING OR EQUIP.:** NONE REQUIRED  
**WORLD/HYGIENIC PRACTICES:** AVOID BREATHING VAPOR, AVOID EYE & SKIN EXPOSURE . KEEP OUT OF REACH OF CHILDREN.