

# MATERIAL SAFETY DATA SHEET

THOMAS & BETTS, 8155 T&B BOULEVARD, MEMPHIS, TN 38125

T&B CATALOG NUMBER: 15-302

PAGE: 1 OF 4

REVISION: 6 -

PRODUCT DESCRIPTION: SILICONE LUBRICANT (AEROSOL)

DATE PREPARED: JUNE 23, 1998

DOCUMENT NUMBER: MSDS0037

## SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: SILICONE LUBRICANT

GENERAL USE: MULTI-USE LUBRICANT AND CLEANER.

PRODUCT DESCRIPTION: SILICONE LUBRICANT (AEROSOL).

GENERIC INGREDIENTS:

24HR EMERGENCY TELEPHONE NUMBERS: CHEMTREC: 800-424-9300

FOR PRODUCT INFORMATION: THOMAS & BETTS: 901- 682-8221 (X8324)

## SECTION 2 HAZARDOUS INGREDIENT SECTION

THIS PRODUCT IS HAZARDOUS AS DEFINED IN: 29 CFR1910.1200

### OSHA HAZARDOUS INGREDIENTS

	CAS#	EXPOSURE LIMITS 8 HRS. TWA (MG/M <sup>3</sup> )		WT%
		OSHA PEL	ACGIH TLV	
HEPTANE	142-82-5	400 PPM	400 PPM	39
HEXANE (MIXED ISOMERS)	110-54-3	500 PPM	N/E	38
PROPANE	74-98-6	1000 PPM	ASPHYXIAANT	15
BUTANE	106-97-8	800 PPM	800 PPM	5

## SECTION 3 HEALTH INFORMATION & PROTECTION

### POTENTIAL HEALTH EFFECTS:

#### EYE CONTACT:

LIQUID OR VAPOR CAN CAUSE MODERATE TO SEVERE IRRITATION.

#### SKIN CONTACT:

CONTACT MAY DRY THE SKIN; PROLONGED CONTACT MAY CAUSE MODERATE IRRITATION. NOT EASILY ABSORBED. HOWEVER, SOLVENT ACTION CAN DRY AND DEFAT THE SKIN CAUSING THE SKIN TO CRACK, LEADING TO DERMATITIS.

#### INHALATION:

RESPIRATORY IRRITATION, HEADACHE, NAUSEA, FATIGUE, DROWSINESS, IMPAIRED CO-ORDINATION.

#### INGESTION:

NOT A LIKELY ROUTE OF EXPOSURE.

### FIRST AID MEASURES:

#### EYE CONTACT:

WASH IMMEDIATELY WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15 MINUTES. GET MEDICAL ATTENTION.

#### SKIN CONTACT:

WIPE OFF WITH TOWEL. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

#### INHALATION:

REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. APPLY ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION.

#### INGESTION:

IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK IMMEDIATE MEDICAL ADVICE AND/OR ATTENTION.

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## WORKPLACE EXPOSURE CONTROLS:

### RESPIRATORY PROTECTION:

NONE UNDER NORMAL USE. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/ MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

### VENTILATION:

SUFFICIENT TO PREVENT INHALATION OF SOLVENT VAPORS. GENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PATTERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

### PROTECTIVE GLOVES:

NONE UNDER NORMAL USE. SOLVENT RESISTANT REQUIRED FOR PROLONGED OR REPEATED CONTACT.

### EYE PROTECTION:

NONE UNDER NORMAL USE; HOWEVER, USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHIELD IS RECOMMENDED.

### OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

NONE UNDER NORMAL USE; HOWEVER, USE OF SOLVENT RESISTANT APRONS OR OTHER CLOTHING IS RECOMMENDED.

### WORK/HYGIENIC PRACTICES:

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

## SECTION 4 FIRE & EXPLOSION HAZARDS

FLASH POINT: -156°F (ESTIMATED)

FLAMMABLE LIMITS IN AIR BY VOLUME: LOWER: 1.2      UPPER: 9.5

### GENERAL HAZARD:

CLOSED CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT AND DISCHARGE CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY APPARENT. OBTAIN MEDICAL ATTENTION.

### EXTINGUISHING MEDIA:

USE FOAM, CO2, DRY CHEMICAL, WATER FOG. WATER SPRAY MAY BE INEFFECTIVE.

### FIRE FIGHTING:

WATER MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD-UP AND EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERRED. WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS.

## SECTION 5 SPILL CONTROL MEASURES

### SPILL RESPONSE:

AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL. DISPOSE OF IN ACCORDANCE WITH

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LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR HAZARD CAUTION INFORMATION.

**OTHER PRECAUTIONS:** SMALL PRESSURIZED CONTAINERS OF FLAMMABLE PRODUCTS MAY BE STORED IN AREAS SUITABLE FOR ORDINARY COMBUSTIBLES WITH RESPECT TO CONSTRUCTION, DRAINAGE, CONTROL OF IGNITION SOURCES, AND VENTILATION EXCEPT THAT THEY SHOULD NOT BE STORED IN BASEMENTS.

## SECTION 6 HANDLING & STORAGE

**STORAGE TEMPERATURE, °F:** DO NOT STORE ABOVE 120°F

**GENERAL:** STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. DO NOT PUNCTURE OR INCINERATE (BURN) CANS. DO NOT STICK PIN, NAIL OR ANY OTHER SHARP OBJECT INTO OPENING ON TOP OF CAN. DO NOT SPRAY IN EYES. DO NOT TAKE INTERNALLY. SEE PRODUCT LABEL FOR ADDITIONAL INFORMATION. DO NOT STORE IN BASEMENTS.

## SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

**BOILING RANGE, °F:**

-44°F THROUGH 208°F

**EVAPORATION RATE:**

SLOWER THAN ETHER

**SOLUBILITY IN WATER:**

NIL

**SPECIFIC GRAVITY AT 75°F:**

0.65

**ODOR AND APPEARANCE:** AEROSOL PRODUCT

**VAPOR DENSITY (AIR = 1):**

HEAVIER THAN AIR

**VAPOR PRESSURE, MM HG AT °F:**

HEPTANE	40	72
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HEXANE	137	68
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PROPANE	6350	68
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BUTANE	1640	68
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## SECTION 8 REACTIVITY DATA

**GENERAL:**

STABLE. HAZARDOUS POLYMERIZATION WILL NOT OCCUR. MAY PRODUCE FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE.

**INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:**

STRONG OXIDIZING AGENTS. APPLICATION TO HOT SURFACES. STORAGE ABOVE 120°F. EXPOSURE TO OPEN FLAME.

## SECTION 9 REGULATORY INFORMATION

**DEPARTMENT OF TRANSPORTATION (DOT):**

**PROPER SHIPPING NAME:** CONSUMER COMMODITY

**HAZARD CLASS:** ORM-D

**IDENTIFICATION NUMBER:** NONE

**PACKING GROUP:** N/A

**LABEL:** NONE

**FLASH POINT:** -156°F, ESTIMATED

**TSCA:** ALL COMPONENTS ARE LISTED IN THE INVENTORY

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**WHMIS (CANADA):** UNKNOWN

**CERCLA:** NOT APPLICABLE

**RCRA HAZARD CLASS:** IGNITABLE (D001)

**R-PHASES:** UNKNOWN

**SARA TITLE III:**

311/312 HAZARD CATEGORIES: ACUTE HEALTH, CHRONIC HEALTH, FIRE

313 REPORTABLE INGREDIENTS: HEXANE (MIXED ISOMERS)

**NEW JERSEY RIGHT-TO-KNOW INFORMATION:**

THIS PRODUCT CONTAINS: HEPTANE (142-82-5), HEXANE (100-54-3), PROPANE (74-98-6), BUTANE (106-97-8), POLYDIMETHYSILOXANE (63148-62-9)

**CALIFORNIA PROPOSITION 65 INFORMATION:** NONE

**SCAQMD INFORMATION:** NOT APPLICABLE

IS THERE A PHOTOCHEMICALLY REACTIVE MATERIAL PRESENT?

WHAT IS THE % BY VOLUME OF PHOTOCHEMICALLY REACTIVE MATERIAL?

WHAT IS THE VOC CONTENT?

WHAT IS THE VAPOR PRESSURE OF VOC'S?

## SECTION 10 NOTES

**HAZARD RATING SYSTEMS:**

	HMIS	NFPA
HEALTH	1	
FLAMMABILITY	4	
REACTIVITY	0	

**KEY**  
4 = SEVERE  
3 = SERIOUS  
2 = MODERATE  
1 = SLIGHT  
0 = MINIMAL

**REVISION SUMMARY:**  
NONE

**SUPERSEDES ISSUE DATE:**

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