

# MATERIAL SAFETY DATA SHEET

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

T & B CATALOG NUMBER(S): 15-111, 15-112

PAGE: 1 OF 5

REVISION: 1

PRODUCT DESCRIPTION: CONDUIT THREADING OIL

DATE PREPARED: December 15, 2004

DOCUMENT NUMBER: **MSDS-0032**

## SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: CONDUIT THREADING OIL  
GENERAL USE: PETROLEUM TYPE CUTTING OIL  
PRODUCT DESCRIPTION: CONDUIT THREADING OIL  
GENERIC INGREDIENT: LUBRICATING OIL PETROLEUM

**24 HR EMERGENCY TELEPHONE NUMBERS: CHEMTREC (703) 527-3887 / 800-424-9300**  
FOR PRODUCT INFORMATION: CALL THOMAS & BETTS: (901) 252-5000 ext. 8324

## SECTION 2 HAZARDOUS INGREDIENTS

### OSHA HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS #</u>	<u>% BY WT</u>	<u>ACGIH TLV</u>	<u>ACGIH TLV-C</u>	<u>ACGIH STEL</u>	<u>OSHA PEL</u>	<u>OSHA STEL</u>
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THIS PRODUCT IS NON-HAZARDOUS AS DEFINED IN: SARA, TSCA & OSHA

EXPOSURE LIMIT FOR TOTAL PRODUCT  
5 mg/m<sup>3</sup> FOR OIL MIST (AEROSOL) FOR AN 8-HOUR WORKDAY

**BASIS** – OSHA REGULATIONS 29 CFR 1910.1000 AND RECOMMENDED BY THE AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENIST (ACGIH). ACGIH STATES THAT THE AIR IS TO BE SAMPLED BY A METHOD THAT DOES NOT COLLECT VAPOR: IN ADDITION, IT LISTS A 10 mg/m<sup>3</sup> STEL.

## SECTION 3 HEALTH INFORMATION & PROTECTION

### CARCINOGENICITY

NTP? NO  
IARC MONOGRAPHS? NO  
OSHA REGULATED? NO

### ROUTES OF ENTRY

EYES? NO  
INGESTION? YES  
INHALATION? YES  
SKIN? YES

### HEALTH HAZARDS

ACUTE: PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE MILD SKIN IRRITATION.  
CHRONIC: NONE KNOWN

### SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: MAY CAUSE IRRITATION  
INGESTION: NONE

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**INHALATION:** NONE  
**SKIN:** MAY CAUSE SKIN IRRITATION

## POTENTIAL HEALTH EFFECTS

**EYE CONTACT:** MAY CAUSE IRRITATION  
**INGESTION:** NOT FOR INTERNAL CONSUMPTION  
**INHALATION:** SHOULD NOT BE INHALAED  
**SKIN CONTACT:** MAY CAUSE MILD SKIN IRRITATION

## FIRST AID MEASURES

**EYE CONTACT:** FLUSH THE EYE WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.  
**INGESTION:** DO NOT INDUCE VOMITING. SEEK MEDICAL ATTENTION.  
**INHALATION:** REMOVE FROM AREA TO FRESH AIR. SEEK MEDICAL ATTENTION.  
**SKIN CONTACT:** REMOVE ANY CONTAMINATED CLOTHING AND WASH EXPOSED SKIN AREAS WITH SOAP AND WATER.

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

## WORKPLACE EXPOSURE CONTROLS

## ENGINEERING / VENTILATION CONTROLS

LOCAL EXHAUST

## PERSONAL PROTECTION

**EYE PROTECTION:** USE SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.  
**HAND PROTECTION:** USE PVC COATED OR RUBBER GLOVES, IF NEEDED, TO AVOID PROLONGED EXPOSURE AND REPEATED SKIN CONTACT.  
**RESPIRATORY PROTECTION:** USE SUPPLIED AIR RESPIRATORY PROTECTION IN ENCLOSED SPACES IF NEEDED.  
**SKIN PROTECTION:** USE RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING IF NECESSARY.  
**VENTILATION:** THIS PRODUCT IS NOT HAZARDOUS AT AMBIENT TEMPERATURES. HEATED PRODUCT MAY PRODUCE VAPOR AT ELEVATED TEMPERATURES. SUITABLE VENTILATION SHOULD BE PROVIDED IF VAPOR IS PRODUCED. CAUTION SHOULD BE EXERCISED TO KEEP THE WORK ENVIRONMENT WITHIN TLV FOR MIST AND VAPORS OF 5 mg/m<sup>3</sup> FOR OIL MIST IN AIR.

## SECTION 4 FIRE & EXPLOSION HAZARDS

**EXPLOSION DATA:** NOT APPLICABLE

**EXPLOSIVE PROPERTY:** LEL: 0.9% UEL: 7.0%

**EXTINGUISHING MEDIA:** FOAM, WATER SPRAY, DRY CHEMICAL, CARBON DIOXIDE, AND VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS, MAY ALL BE SUITABLE FOR EXTINGUISHING FIRES INVOLVING THIS TYPE OF PRODUCT.

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**FIRE FIGHTING:** FIRE MAY CAUSE FUMES, SMOKE, CARBON MONOXIDE. ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS IN THE CASE OF INCOMPLETE COMBUSTION.

**FLASH POINT:** 400° F (240° C)

**HAZARDOUS  
COMBUSTION  
PRODUCTS:**

FUMES, SMOKE, CARBON MONOXIDE, SULFUR OXIDES AND OTHER DECOMPOSITION PRODUCTS IN CASE OF INCOMPLETE COMBUSTION.

## SECTION 5 SPILL CONTROL MEASURES

**SPILL RESPONSE:** LAND SPILL: RECOVER FREE PRODUCT. ADD SUITABLE ABSORBENT MATERIAL TO SPILL. MINIMIZE SKIN CONTACT. KEEP PRODUCT OUT OF SEWERS AND WATERCOURSES BY DIKING.

WATER SPILL: KEEP OUT OF SEWERS AND WATERCOURSES BY DIKING. FOLLOW LOCAL, STATE, AND FEDERAL REGULATIONS.

**DISPOSAL:** DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

## SECTION 6 HANDLING & STORAGE

**GENERAL:** KEEP CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS, FLAMES, OR STRONG OXIDANTS.

**STORAGE  
TEMPERATURE:**

ABOVE 32° F (0° C)

## SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

<b>APPEARANCE:</b>	LIQUID	<b>AUTO-IGNITION TEMPERATURE:</b>	N/A
<b>BOILING POINT, ° F (°C):</b>	520° F (271° C)	<b>COLOR:</b>	BROWN
<b>EXPLOSIVE PROPERTY:</b>	N/A	<b>EVAPORATION RATE, ACETATE=1:</b>	< 0.01
<b>FREEZING POINT:</b>	N/A	<b>FLAMMABILITY:</b>	N/A
<b>ODOR:</b>	PETROLEUM	<b>FORMULA WEIGHT per VOLUME:</b>	7.52 lb/gal
<b>PERCENT, VOLATILE BY VOLUME:</b>	N/A	<b>MELTING POINT:</b>	N/A
<b>PH:</b>	N/A	<b>OXIDIZING PROPERTIES: PERCENT, SOLIDS BY WEIGHT (%):</b>	N/A
<b>SOLUBILITY IN WATER (20° C):</b>	NEGLIGIBLE	<b>SOLUBILITY IN ORGANIC SOLVENT:</b>	N/A
<b>VAPOR DENSITY (AIR=1):</b>	5	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b>	0.903
<b>VISCOSITY SUS @ 100° F:</b>	425 - 450	<b>VAPOR PRESSURE (mm Hg):</b>	< 0.01
		<b>VOC CONTENT (lbs/gal):</b>	N/A

## SECTION 8 REACTIVITY DATA

**CHEMICAL STABILITY:** STABLE

**CONDITIONS TO AVOID:** DO NOT STORE NEAR HEAT, SPARKS, FLAMES, OR STRONG OXIDANTS

**INCOMPATIBLE  
MATERIALS:**

STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM OR CALCIUM HYPOCHLORITE.

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## HAZARDOUS DECOMPOSITION PRODUCTS:

FUMES, SMOKE, CARBON MONOXIDE, SULFUR OXIDES AND OTHER DECOMPOSITION PRODUCTS IN CASE OF INCOMPLETE COMBUSTION.

## HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

## SECTION 9 REGULATORY INFORMATION

### DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME: PETROLEUM OIL NOI

HAZARD CLASS: NONE

UN#: NONE

PG: NONE

ERG#: NONE

HAZ LABELS: NONE

### I.A.T.A. CLASSIFICATION

PROPER SHIPPING NAME:

### US FEDERAL REGULATIONS

TSCA: THE PRODUCT COMPONENTS ARE ON THE EPA TSCA INVENTORY.

CERCLA: NO RQ FOR PRODUCT OR ANY CONSTITUENT GREATER THAN 1% OR 0.1% (CARCINOGEN)

RCRA  
HAZARD CLASS: NOT HAZARDOUS

### SARA TITLE III INFORMATION

SECTION 302: N/A

SECTION 311 / 312: THE FOLLOWING COMPONENT(S) OF THIS PRODUCT IS SUBJECT TO THIS REQUIREMENT: NONE

SECTION 313: THE FOLLOWING COMPONENT(S) OF THIS PRODUCT IS SUBJECT TO THIS REQUIREMENT: NONE

### STATE REGULATIONS / RIGHT-TO-KNOW

#### CALIFORNIA PROPOSITION 65 INFORMATION

THIS PRODUCT CONTAINS THE FOLLOWING SUBSTANCE(S) KNOWN TO BE ON THE CA PROP. 65 LIST:  
NONE

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

THIS PRODUCT CONTAINS: IDENTITY OF SOME OR ALL COMPONENTS IS CONFIDENTIAL INFORMATION (TRADE SECRET) AND IS WITHHELD AS PERMITTED BY 29 CFR 1910.1200 (I).

#### SCAQMD:

IS THERE A PHOTOCHEMICALLY REACTIVE MATERIAL PRESENT? NO  
WHAT IS THE % BY VOLUME OF PHOTOCHEMICALLY REACTIVE MATERIAL? N/A  
WHAT IS THE VOC CONTENT? N/A  
WHAT IS THE VAPOR PRESSURE OF VOC'S? N/A

### INTERNATIONAL

#### WHMIS (CANADA)

THE CHEMICAL(S) LISTED ARE CONSIDERED CONTROLLED PRODUCT(S): NONE  
CANADIAN LABEL CLASSIFICATION REQUIRED ON CONTAINER: NONE

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## SECTION 10 NOTES

### TOXICOLGICAL INFORMATION

NONE

### ECOLOGICAL INFORMATION

NONE

### HAZARD RATINGSYSTEM

	HMIS	NFPA	KEY
HEALTH	1		4 = SEVERE
FLAMMABILITY	1		3 = SERIOUS
REACTIVITY	0		2 = MODERATE
			1 = SLIGHT
			0 = MINIMAL

### REVISION SUMMARY 1

SUPERSEDES ISSUE DATE MARCH 12, 2001

ABBREVIATIONS: N/E = NOT ESTABLISHED  
N/A = NOT AVAILABLE

## SECTION 11 OTHER INFORMATION

THE INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND ACCURATE TO THE BEST OF THOMAS & BETTS CORPORATION KNOWLEDGE. THE INFORMATION RELATES TO THIS SPECIFIC MATERIAL. IT MAY NOT BE VALID FOR THIS MATERIAL IF USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS. IT IS THE USER'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE SUITABILITY AND COMPLETENESS OF THIS INFORMATION FOR HIS OWN PARTICULAR USE.