

MATERIAL SAFETY DATA SHEET

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

T&B CATALOG NO: CTA, CTA-1, CTB, CTB8, CTG, CTQ

PAGE: 1 OF 6

PRODUCT DESCRIPTION: CONTAX - OXIDE INHIBITING
COMPOUND

REVISION: 10

DATE PREPARED: March 24, 2010

DOCUMENT NUMBER: MSDS-0029

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: CONTAX
GENERAL USE: SEALS ELECTRICAL CONNECTIONS FROM OXYGEN AND MOISTURE, NON-WATER SOLUBLE, NON-PETROLEUM BASED POLYMER GREASE.
PRODUCT DESCRIPTION: CONTAX - OXIDE INHIBITING COMPOUND.
GENERIC INGREDIENT: CASTOR OIL DERIVATIVE
FORMULA: PROPRIETARY COMPOUND.

24 HOUR 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>OTHER LIMITS OF EXPOSURE</u> |
|-----------------------------|--------------|----------------|------------------|--------------------|-------------------|-----------------|---------------------------------|
| CASTOR OIL DERIVATIVE * | 8001-79-4 | 70 - 90 | N/A | N/A | N/A | N/A | N/A |
| CARBON BLACK | 1333-86-4 | < 0.5 | N/A | N/A | N/A | 3.5 | N/A |

NOTE:

FORMULATION IS A PROPRIETARY COMPOUND.

* ON THE CANADIAN INGREDIENT DISCLOSURE LIST, BUT NOT A CONTROLLED PRODUCT

SECTION 3 HEALTH INFORMATION & PROTECTION

CARCINOGENICITY

NTP? NONE LISTED
IARC MONOGRAPHS? NO EVALUATION
OSHA REGULATED? NOT REGULATED

ROUTES OF ENTRY

EYES?
INGESTION? YES
INHALATION? NO
SKIN? YES

EMERGENCY OVERVIEW

MATERIAL SAFETY DATA SHEET

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

T&B CATALOG NO: CTA, CTA-1, CTB, CTB8, CTG, CTQ

PAGE: 2 OF 6

PRODUCT DESCRIPTION: CONTAX - OXIDE INHIBITING
COMPOUND

REVISION: 10

DATE PREPARED: March 24, 2010

DOCUMENT NUMBER: MSDS-0029

HEALTH HAZARDS

ACUTE: NONE KNOWN

CHRONIC: NONE KNOWN

SIGNS AND SYMPTOMS OF OVEREXPOSURE

EYES: NONE KNOWN

INGESTION: NONE KNOWN

INHALATION: NONE KNOWN

SKIN: NONE KNOWN

POTENTIAL HEALTH EFFECTS

EYES CONTACT: MAY CAUSE MINOR IRRITATION

INGESTION: MAY CAUSE GASTROINTESTINAL IRRITATION

INHALATION: NOT A LIKELY ROUTE OF ENTRY

SKIN CONTACT: MAY CAUSE MINOR IRRITATION

FIRST AID MEASURES

EYES CONTACT: WASH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSIST, SEEK MEDICAL ATTENTION.

INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY

INHALATION: N/A

SKIN CONTACT: WASH EXPOSED SKIN AREAS WITH SOAP AND WATER. IF REDNESS OR IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

MEDICAL CONDITION GENERALLY AGGRAVATED BY EXPOSURE

NONE KNOWN

WORKPLACE EXPOSURE CONTROLS

NONE REQUIRED

ENGINEERING / VENTILATION CONTROLS

NONE REQUIRED

PERSONAL PROTECTION

EYE PROTECTION: GOGGLES OR SAFETY GLASSES.

HAND PROTECTION: CHEMICAL RESISTANT GLOVES.

MATERIAL SAFETY DATA SHEET

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

T&B CATALOG NO: CTA, CTA-1, CTB, CTB8, CTG, CTQ

PAGE: 3 OF 6

PRODUCT DESCRIPTION: CONTAX - OXIDE INHIBITING
COMPOUND

REVISION: 10

DATE PREPARED: March 24, 2010

DOCUMENT NUMBER: MSDS-0029

RESPIRATORY PROTECTION: NONE REQUIRED UNDER NORMAL CONDITIONS.

SKIN PROTECTION: LONG SLEEVES OR PROTECTIVE CLOTHING TO PREVENT CONTACT WITH SKIN.

VENTILATION: USE IN OPEN, WELL VENTILATED AREA.

WORK/HYGIENIC: AS REQUIRED TO PREVENT DERMAL CONTACT. SAFETY SHOWER AND EYEWASH SHOULD BE PROVIDED.

SECTION 4 FIRE & EXPLOSION HAZARDS

AUTO-IGNITION TEMPERATURE: > 500° F (260° C)

EXPLOSION DATA: N/A

EXPLOSIVE PROPERTY: LEL: N/E UEL: N/E

EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICAL

FIRE FIGHTING: STANDARD FIREMAN=S BODY PROTECTION AND SELF-CONTAINED BREATHING APPARATUS RECOMMENDED.

FLASH POINT: > 500° F (260° C) COC

HAZARDOUS COMBUSTION PRODUCTS: PRODUCTS OF INCOMPLETE COMBUSTION MAY INCLUDE CO, CO₂, AND DENSE BLACK SMOKE

EXPLOSION HAZARDS: KEEP CONTAINER TIGHTLY CLOSED AND AWAY FROM HEAT AND OPEN FLAME. CLOSED CONTAINERS MAY EXPLODE. FIRE MAY PRODUCE A DENSE BLACK SMOKE AND SMALL QUANTITIES OF ISOCYANATES.

SECTION 5 SPILL CONTROL MEASURES

CONTAINMENT PROCEDURES: USE SAND, EARTH, SAWDUST OR OTHER ABSORBENT IF NECESSARY

CLEAN-UP PROCEDURES: SCOOP UP MATERIAL. USE SAND, EARTH, SAWDUST OR OTHER ABSORBENT IF NECESSARY.

EVACUATION PROCEDURES:

SPECIAL PROCEDURES:

DISPOSAL: INCINERATE OR DISPOSE IN AN APPROVED LANDFILL IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 6 HANDLING & STORAGE

HANDLING PROCEDURES:

STORAGE PROCEDURES: STORE IN CLOSED CONTAINERS. PROTECT FROM CONTAMINATION WITH OTHER MATERIALS. DO NOT TRANSFER INTO UNMARKED CONTAINERS.

LABELING:

MATERIAL SAFETY DATA SHEET

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

T&B CATALOG NO: CTA, CTA-1, CTB, CTB8, CTG, CTQ

PAGE: 4 OF 6

PRODUCT DESCRIPTION: CONTAX - OXIDE INHIBITING
COMPOUND

REVISION: 10

DATE PREPARED: March 24, 2010

DOCUMENT NUMBER: MSDS-0029

SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

| | |
|----------------------------------------------------|-----------------------------------------------------|
| APPEARANCE: THICK GREASE | AUTO-IGNITION TEMPERATURE: > 500° F (260° C) |
| BOILING POINT: N/A | COLOR: BLACK |
| FLAMMABILITY: N/A | EVAPORATIVE RATE: N/A |
| ODOR: MILD | FREEZING POINT: N/A |
| PERCENT, VOLATILE BY VOLUME: NIL | MELTING POINT: N/A |
| PH: N/A | OXIDIZING PROPERTIES: N/A |
| SOLUBILITY IN WATER 68°F (20° C): INSOLUBLE | PERCENT, SOLIDS BY WEIGHT: N/A |
| PHYSICAL STATE: N/A | |
| SOFTENING POINT (FINISH): N/A | SOFTENING POINT (BASE METAL): N/A |
| VAPOR DENSITY (AIR = 1): HEAVIER THAN AIR | SOLUBILITY IN ORGANIC SOLVENT: N/A |
| VISCOSITY: N/A | SPECIFIC GRAVITY (H₂O = 1): 0.90 |
| VAPOR PRESSURE (mm Hg): N/A | VOC CONTENT (lbs/gal): N/A |

SECTION 8 REACTIVITY DATA

CHEMICAL STABILITY: STABLE UNDER NORMAL CONDITIONS AND USE.

CONDITIONS TO AVOID: HEAT AND OPEN FLAME

INCOMPATIBLE MATERIALS: CONTACT WITH STRONG OXIDIZING CHEMICAL

HAZARDOUS DECOMPOSITION PRODUCTS: PRODUCTS OF INCOMPLETE COMBUSTION MAY INCLUDE CO, CO₂, AND DENSE BLACK SMOKE AND SMALL QUANTITIES OF ISOCYANATES

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 9 REGULATORY INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT)

PROPER SHIPPING NAME: NOT REGULATED

MATERIAL SAFETY DATA SHEET

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

T&B CATALOG NO: CTA, CTA-1, CTB, CTB8, CTG, CTQ

PAGE: 5 OF 6

PRODUCT DESCRIPTION: CONTAX - OXIDE INHIBITING
COMPOUND

REVISION: 10

DATE PREPARED: March 24, 2010

DOCUMENT NUMBER: MSDS-0029

I.A.T.A. CLASSIFICATION

PROPER SHIPPING
NAME: NOT REGULATED

U.S. FEDERAL REGULATIONS

TSCA: ALL COMPONENTS ARE INCLUDED IN THE EPA TOXIC SUBSTANCE CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

CERCLA: THE PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS SUBSTANCE UNDER REGULATIONS OF THE COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA), 40 CFR §302.

RCRA HAZARD CLASS: THE PRODUCT IS NOT CLASSIFIED AS A HAZARDOUS WASTE UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT, OR ITS REGULATIONS, 40 CFR §261 *et seq.*

CLEAN AIR ACT: THE PRODUCT IS NOT PROCESSED WITH OR DOES NOT CONTAIN ANY CLASS I OR CLASS II OZONE DEPLETING SUBSTANCES.

SARA TITLE III INFORMATION

SECTION 302: NO COMPONENT(S) OF THIS MATERIAL WITH KNOWN CAS NUMBER ARE ON THE EXTREMELY HAZARDOUS SUBSTANCE (EHS) LIST.

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*

INTERNATIONAL

WHMIS (CANADA): THIS PRODUCT HAS BEEN CLASSIFIED ACCORDING TO THE HAZARD CRITERIA OF THE CONTROLLED PRODUCTS REGULATIONS AND THE MSDS CONTAINS ALL OF THE INFORMATION REQUIRED BY THE CPR

THE CHEMICAL(S) LISTED ARE CONSIDERED CONTROLLED PRODUCT(S):

CASTOR OIL, CAS NO. 8001-79-4 IS REQUIRED BY THE CANADIAN INGREDIENT DISCLOSURE LIST, BUT *NOT* A CONTROLLED PRODUCT.

LABELS: CANADIAN LABEL CLASSIFICATION REQUIRED ON CONTAINER(S): *NONE*

SECTION 10 NOTES

TOXICOLOGICAL INFORMATION

NONE

ECOLOGICAL INFORMATION

NO DATA AVAILABLE

MATERIAL SAFETY DATA SHEET

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

T&B CATALOG NO: CTA, CTA-1, CTB, CTB8, CTG, CTQ

PAGE: 6 OF 6

PRODUCT DESCRIPTION: CONTAX - OXIDE INHIBITING
COMPOUND

REVISION: 10

DATE PREPARED: March 24, 2010

DOCUMENT NUMBER: MSDS-0029

HAZARD RATING SYSTEM

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

REVISION SUMMARY

10

SUPERCEDES ISSUE DATE

March 24, 2004

SECTION 11 OTHER INFORMATION

ABBREVIATIONS

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

OTHER

R PHRASE: N/A

S PHRASE: N/A

T&B CATALOG NOS:

CTA
CTA-1
CTB
CTB8
CTG
CTQ

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 THE 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.