

MATERIAL SAFETY DATA SHEET

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

T&B CATALOG NUMBER: FIGURE SIX, EIGHT CONNECTORS,
C-TAPS, GROUNDING PLATE,
SIX TO SIX CONNECTOR,
SIX TO EIGHT CONNECTOR
(SEE ADDENDUM)

PAGE 1 OF 6
REVISION: 0
DATE PREPARED: MARCH 13, 2001

PRODUCT DESCRIPTION: GROUNDING PRODUCTS

DOCUMENT NUMBER: MSDS-0085
(FORMERLY MSDS0085)

SECTION 1 PRODUCT IDENTIFICATION & EMERGENCY INFORMATION

PRODUCT NAME: CONDUCTIVE CARBIDE COMPOUND

GENERAL USE: CONDUCTOR TERMINATION COMPOUND

PRODUCT DESCRIPTION: GROUNDING PRODUCTS

GENERIC INGREDIENTS: VEGETABLE BASED COMPOUND W/COPPER & CARBIDE FILLING

24HR EMERGENCY TELEPHONE NUMBERS: CHEMTREC: (703) 527-3887 / 800-424-9300
FOR PRODUCT INFORMATION: THOMAS & BETTS: 901-252-5000 (X8324)

SECTION 2 HAZARDOUS INGREDIENT SECTION

OSHA HAZARDOUS INGREDIENTS

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NO.</u>	<u>% BY WT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS OF EXPOSURE</u>
CASTOR OIL	68187-84-8 8001-79-4	40 – 60	N/A	N/A	N/A
ALKYLENE CARBONATE	108-32-7	0 – 1	N/A	N/A	STEL: N/A
COPPER POWDER	7440-50-8	10 – 20	N/A	1mg/M ³	STEL: 2mg/M ³
BENTONE	68953-58-2	2 – 5	N/A	N/A	N/A
SILICON CARBIDE	409-21-2	20 – 50	15mg/M ³	5mg/M ³	N/A

SECTION 3 HEALTH INFORMATION & PROTECTION

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

ROUTE(S) OF ENTRY: INHALATION? SKIN? YES INGESTION?

HEALTH HAZARDS (ACUTE AND CHRONIC):

POTENTIAL HEALTH EFFECTS:

EYE CONTACT: MAY CAUSE IRRITATION.

SKIN CONTACT: FOR HYPERSENSITIVE PERSONS, MAY IRRITATE THE SKIN AFTER PROLONGED PERIODS OF CONTACT

INGESTION: MAY CAUSE DIARRHEA.

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INHALATION: VISCOUS NATURE MAY BLOCK BREATHING PASSAGES IF INHALED.

FIRST AID MEASURES:

EYE CONTACT: FLUSH WITH CLEAR WATER FOR 15 MINUTES UNTIL ALL RESIDUAL MATERIAL IS GONE. IF IRRITATION PERSISTS, SEEK MEDICAL HELP.

SKIN CONTACT: WASH THOROUGHLY WITH HAND CLEANSER, FOLLOWED BY SOAP AND WATER. ALL CONTAMINATED CLOTHING SHOULD BE DRY CLEANED BEFORE REUSE.

INHALATION: CLEAR AIR PASSAGE AND SEEK MEDICAL HELP, IF RESPIRATORY DIFFICULTY CONTINUES, SEEK MEDICAL HELP.

INGESTION: WASH OUT MOUTH IMMEDIATELY. CONSULT PHYSICIAN.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

WORKPLACE EXPOSURE CONTROLS:

PERSONAL PROTECTION:

RESPIRATORY PROTECTION: NONE NEEDED.

VENTILATION:

HAND PROTECTION:

EYE PROTECTIVE:

BODY PROTECTION:

WORK/HYGIENIC:

PROTECTIVE GLOVES FOR HYPERSENSITIVE PERSONS.

GLASSES, IF APPLIED TO MOVING PARTS IN MOTION.

OVERALLS.

SECTION 4 FIRE & EXPLOSION HAZARDS

FLASH POINT: 560°F 293°C

EXPLOSIVE PROPERTIES: LEL: 0.9% UEL: 7%

FLAMMABLE LIMITS: NOT FLAMMABLE AT AMBIENT TEMPERATURE

GENERAL HAZARD:

FIRE FIGHTING: FOAM, DRY POWDER, HALON, CARBON DIOXIDE, SAND, EARTH AND WATER MIST.

SECTION 5 SPILL CONTROL MEASURES

SPILL RESPONSE: SCRAPE UP BULK, THEN WIPE UP REMAINDER WITH CLOTH AND PICK-UP REMAINING RESIDUE WITH DIATOMACEOUS EARTH TO AVOID A WALKING HAZARD. (DO NOT ALLOW TO ENTER DRAINS.)

PRODUCT DISPOSAL: DO NOT INCINERATE. CONTACT WASTE DISPOSAL AUTHORITY FOR ADVICE.

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CONTAINER DISPOSAL: PAILS WITHOUT LINER SEE "PRODUCT DISPOSAL". PAILS WITH PLASTIC LINER - PAIL CAN ONLY BE DISPOSED OF VIA STANDARD WASTE DISPOSAL SERVICES, RECYCLED OR REUSED. LINER - SEE "PRODUCT DISPOSAL".

SECTION 6 HANDLING & STORAGE

GENERAL: NO SPECIAL HANDLING PRECAUTIONS NECESSARY.

STORAGE: DO NOT STORE AT ELEVATED TEMPERATURES.

SECTION 7 TYPICAL PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE: GRAINY SEMISOLID PASTE

AUTOIGNITION
TEMPERATURE °F (°C): >680 (360)

COLOR: COPPER

BOILING POINT, °F (°C): >700 (371)

DENSITY (g/cm³): 1.66

EVAPORATION RATE,
BUTYL ACETATE =1: <0.01

ODOR: SHARP

MELTING POINT: N/A

pH: NEUTRAL

PERCENT VOLATILE: NIL

PARTITION COEFFICIENT (LOG POW): N/A

SOLUBILITY IN WATER: Nil

SPECIFIC GRAVITY (H₂O=1):

VAPOR PRESSURE, (kPa): <0.01

VAPOR DENSITY (AIR = 1): >5

SECTION 8 REACTIVITY DATA

GENERAL:

CHEMICAL STABILITY: CHEMICALLY STABLE UNDER NORMAL CONDITIONS. NO PHOTOREACTIVE AGENTS.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID: POWERFUL SOURCES OF IGNITION. STRONG INORGANIC AND ORGANIC ACIDS AND OXIDIZING AGENTS.

HAZARDOUS DECOMPOSITION PRODUCTS: BURNING GENERATES SMOKE, AIRBORNE SOOT, HYDROCARBONS AND OXIDES OF CARBON. RESIDUE MAINLY COMPRISED OF SOOT AND METAL OXIDES AND MINERAL CARBIDES.

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HAZARDOUS POLYMERIZATION:

SECTION 9 REGULATORY INFORMATION

DEPARTMENT OF TRANSPORTATION (DOT): NON-HAZARDOUS

HAZARD CLASS:

UN#:

PG:

ERG #:

HAZ LABEL:

I.A.T.A. CLASSIFICATION: NOT REGULATED

HAZARD CLASS:

UN#:

PG:

ERG #:

HAZ LABEL:

U.S. FEDERAL REGULATIONS

TSCA: ALL COMPONENTS ARE LISTED.

CERCLA: NON-HAZARDOUS

RCRA HAZARD CLASS: NON-HAZARDOUS

SARA TITLE III INFORMATION

SECTION 302: NONE

SECTION 311 / 312: NONE

SECTION 313: THIS PRODUCT CONTAINS COPPER

NEW JERSEY RIGHT-TO-KNOW INFORMATION: N/A

CALIFORNIA PROPOSITION 65 INFORMATION: NONE.

INTERNATIONAL

WHMIS (CANADA): NOT REGULATED

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SECTION 10 NOTES

TOXICOLOGICAL INFO:LC-50: 1.98G/LT (MYSIDOPSIS BAHIA), BASED ON ASSESSMENT FROM RELATED PRODUCTS.

HAZARD RATING SYSTEMS:

	HMIS	NFPA
HEALTH	1	1
FLAMMABILITY	1	1
REACTIVITY	1	1

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

REVISION SUMMARY:

SUPERSEDES ISSUE DATE:

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

THE INFORMATION PRESENTED HEREIN HAS BEEN COMPILED FROM SOURCES CONSIDERED TO BE DEPENDABLE AND ACCURATE TO THE BEST OF THOMAS & BETTS 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.

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ADDENDUM

Catalog Number	Description
CPT22	C-Taps
CPT202	C-Taps
CPT2020	C-Taps
CPT25020	C-Taps
CPT250250	C-Taps
CPT50020	C-Taps
CPT500250	C-Taps
CPT500500	C-Taps
54875	Figure Six
54865-CK	Figure Six
54860	Figure Six
54855	Figure Six
54895	Figure Six
54890	Figure Six
54885	Figure Six
54900	Figure Six
GR12-40250	Figure Eight
GR12-202	Figure Eight
GR58-202	Figure Eight
GR58-40250	Figure Eight
GR58-300500	Figure Eight
GR34-202	Figure Eight
GR34-40250	Figure Eight
GR34-300500	Figure Eight
GR1-202	Figure Eight
GR1-40250	Figure Eight
GR1-300500	Figure Eight
GP2250-2	Grounding Plate
GP2250-4	Grounding Plate
GP250500-2	Grounding Plate
GP250500-4	Grounding Plate
54855L	Six to Six Connector
54865L	Six to Six Connector
54875L	Six to Six Connector
54885L	Six to Six Connector
54895L	Six to Six Connector
54900L	Six to Six Connector
54855LR12	Six to Eight Connector
54865LR58	Six to Eight Connector
54885LR12	Six to Eight Connector
54895LR58	Six to Eight Connector
54875LR34	Six to Eight Connector
54900LR34	Six to Eight Connector
54910LR100	Six to Eight Connector
54920LR100	Six to Eight Connector