

KOPPERS COMPANY, INC. -- MIL-L-19537C,AM2, ID 54333000 -- 8010-00-527-2507
===== Product Identification =====

Product ID:MIL-L-19537C,AM2, ID 54333000

MSDS Date:06/21/1988

FSC:8010

NIIN:00-527-2507

MSDS Number: BHQTL

=== Responsible Party ===

Company Name:KOPPERS COMPANY, INC.

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:800-424-9300

Emergency Phone Num:

800-553-5631

CAGE:EO463

=== Contractor Identification ===

Company Name:KOPPERS CO INC

Address:3000 KOPPERS BLDG

Box:City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

CAGE:80592

Company Name:KOPPERS COMPANY, INC.

CAGE:EO463

===== Composition/Information on Ingredients =====

Ingred Name:DI-SEC-OCTYL PHTHALATE (DI-2-ETHYLHEXYL-PHTHALATE) (SARA
III)

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 1-5%

OSHA PEL:5 MG/M3/10 STEL

ACGIH TLV:5 MG/M3; 9192

EPA Rpt Qty:100 LBS

DOT Rp

t Qty:100 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-10-1

RTECS #:SA9275000

Fraction by Wt: 5-10%

OSHA PEL:100 PPM/75 STEL

ACGIH TLV:50 PPM/75 STEL; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 30-35%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 5-10%

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 1-5%

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 1-5%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:N-PROPYL ACETATE

CAS:109-60-4

RTECS #:

AJ3675000

Fraction by Wt: 5-10%

OSHA PEL:200 PPM/250 STEL

ACGIH TLV:200 PPM/250STEL;9192

=====
===== Hazards Identification =====
=====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Effects of Overexposure:EYE: DIRECT CONTACT MAY CAUSE IRRITATION.

SKIN: MAY CAUSE DEFATTING,REDNESS, CRACKING,BLISTERING,
IRRITATION & DERMATITIS. IHAL: MAY CAUSE RESPIR. TRACT
IRRITATION & CENT. NERVOUS SYS.,HEADACHE
,WKNESS,DIZZINESS,INCOORDN. & COLLAPSE.INGS

T:MAY CAUSE

GASTROINTESTINAL DISTURB.SUCH AS NAUSEA,VOIMITING & DIARRHEA.

Medical Cond Aggravated by Exposure:INDIVIDUALS WITH AILMENTS OF

SKIN,EYES,RESPIR. TRACT, LIVER,KIDNEY,CENTRL NERVOUS SYS., ARE
AT A GREATER RISK OF ADVERSE EFFECTS WHEN EXPOSED TO THIS
MATERIAL.

=====
===== First Aid Measures =====
=====

First Aid:EYE:IMMEDIATELY FLUSH W/LG AMOUNTS OF WATER FOR 15 MINS. SEEK
MEDICAL ATTENTION.SKIN:WASH W/SOAP & WATER. IF
REDNESS,ITCHI

NG,BURNING,OR OTHER SYSM. SEEK MED.AIDINHAL:REMOVE

FROM EXPOSURE. IF BREATHING IS DIFFICULT, OR STOPPED GIVE

ARTIFICALREPIRATION OR OXYGEN AS INDICATED. SEEK MEDICAL ATTENTION.

INGST: DONOT INDUCE VOMITING. GIVE 1 GLASS

MILK. SEEK MEDICAL ATTENTION.

=====
===== Fire Fighting Measures =====
=====

Flash Point:23F/-5C

Lower Limits:ND

Upper Limits:ND

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL,FOAM,WATER SPRAY,
ALCOHOL OR UNIVERSAL TYPE FOAMS. W

ATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:WEAR COMPLETE FIRE SERVICE PROTECTIVE

EQUIPMENT,INCLUDING FULL FACE MSHA/NIOSH APPROVED S.C.B.A. USE

WATER TO COOL FIRE EXPOSED CONTAINER.

Unusual Fire/Explosion Hazard:VAPORS FORM FLAMMABLE/EXPLOSIVE MIXTURES

IN AIR. CLOSED CONTAINERS MAY EXPLODE WHEN EXPSD TO EXTRM HEAT.

UNDER FIRE COND. MAY EMIT IRRITANT,TOXIC GAS OR FUMES.

=====
===== Accidental Release Measures =====
=====

Spill Release Procedures:STOP SPI

LL/LEAK IF W/O RISK.ELIMINATE ALL SOURCES OF IGN.;CAREFUL TO AVOID HEAT/SPARKS USE AN INERT ABSORBENT. MATL REACTS WITH OXIDIZING MATLS. AVOIDCONTACT W/HOT LIQUID AND FUMES. AVIOD BREATHING VAPORS.

=====
===== Handling and Storage =====

Handling and Storage Precautions:AVOID PROLONGED/REPEATED CONTACT WITH SKIN OR EYESKEEP IN A CLSD LABELED CONTNR W/IN COOL,DRY VENTL.AREA. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:GROUND & BOND DRUMS. DON OT USE PRESSURE TO EMPTY

DRUMS. DONOT CUT,DRILL,GRIND OR WELD ON OR NEAR FULL,OR EMPTY CONTAINERS. EMPTY CONTAINERS MAY RETAIN PRODUCTRESIDUE INCLUDING FLAMMABLE OR EXPLOSIVE VAPORS.

=====
===== Exposure Controls/Personal Protection =====

Respiratory Protection:IF BELOW PEL/TLV USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29 CFR 1910.134. IF WITHING PSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS OK.

Ventilation:PROVIDE SUFFICIENT GENERAL VENTILATION. LOCAL EXHAUST IS

NECESSARY FOR ENCLOSED OR CONFINED AREAS.

Protective Gloves:INDUSTRIAL RESISTANT FLEX. GLOVES

Eye Protection:SAFETY GLASSES,CHEM. GOGGLES W/FACESHLD

Other Protective Equipment:HEAD/NECK COVER, APRONS, JACKETS, PANTS, COVERALLS, BOOTS, DEPENDING ON WORK CONDITIONS.

Work Hygienic Practices:WASH CONTAMINATED CLOTHING BEFORE REUSE.DISCARD CONTAMINATEDFOOTWEAR.

Supplemental Safety and Health
NK

=====
===== Physical/Chemical Properties =====

Boi

ling Pt:B.P. Text:ND

Melt/Freeze Pt:M.P/F.P Text:NA

Vapor Pres:ND

Vapor Density:> AIR

Spec Gravity:ND

Evaporation Rate & Reference:ND

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR

=====
===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

OXIDIZING AGENTS, HEAT, SPARKS, AND OPEN FLAMES

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIDE/DIOXIDE UPON THERMAL

D

ECOMPOSITION

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE,
AND LOCAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any
person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.