

KOP-COAT INC -- MIL-L-19537C (CLEAR) -- 8010-00-527-1508

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Product Identification
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Product ID:MIL-L-19537C (CLEAR)

MSDS Date:04/01/1989

FSC:8010

NIIN:00-527-1508

MSDS Number: BPPBB

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

Info Phone Num:800-547-2468

Emergency Phone Num:800-548-0489/800-424-9300 CHEMTREC

CAGE:00297

=== Contractor Identification ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

Phone:800-553-5631, CHEMTREC 800-424-9300

CAGE:00297

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Composition/Information on Ingredients
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Ingred Name:TOLUENE (SARA III)(NIOSH EXPOS LMT:100 PPM[10HR
TWA],200PPM[10MIN CEILING]) (OSHA PEL:200 PPM[10HR
TWA];300PPM[CEIL] #

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 10-15%

Other REC Limits:SEE NIOSH LMT ABOVE

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SHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (SKIN)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 30-35%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM/200 PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:DI(2-ETHYL HEXYL) PHTHALATE (SARA III)
CAS:117-81-7
RTECS #:TI0350000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3
ACGIH TLV:5 MG/M3;10 MG/M3STEL
EPA Rpt Qty:
100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:METHYL ETHYL KETONE (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 15-20%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200 PPM/300 PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III) (NIOSH LIMIT: 400 PPM [10 HR
TWA]; 800 PPM [15 MIN CEILING])
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
Other REC Limits:SEE NIOSH LMT ABOVE
OSHA PEL:400 PPM/980 MG/M3
ACGIH TLV:400 PPM/500 PPM STEL

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==== Hazards Identification =====

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

Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN:

PROLONGED/REPEATED: DEFATTING (REDNESS, CRACKING, BLISTERING, IRRITATION, DERMATITIS). MAY BE ABSORBED THROUGH SKIN RESULTING IN SYSTEMIC EFFECTS. INHAL: RESPIRATORY TRACT IRRIT , CENTRAL NERV SYS DEPRESS (HEADACHE, WEAKNESS, DIZZINESS, INCOORDINATION, COLLAPSE. INGEST: GI DISTURBANCES (NAUSEA

Explanation of Ca

rcinogenicity:NTP DETERMINED THAT THERE IS SUFFICIENT

EVIDENCE FOR CARCINOGENICITY OF DI(2-EHTYL HEXYL)PHTHALATE IN ANIMALS.

Effects of Overexposure:VOMITING, DIARRHEA AND EFFECTS SIMILAR TO THOSE DESCRIBED UNDER INHALATION. ASPIRATION OF THIS PRODUCT INTO THE LUNG MAY CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXISTING DISEASES IN/ HISTORY OF AILMENTS INVOLVING SKIN, EYE, RESPIRATORY TRACT, LIVER, KIDNEY, CENTRAL

NERVOUS SYSTEM ARE AT GREATER THAN NORMAL RISK OF DEVELOPING ADVERSE EFFECTS.

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

First Aid:EYE: IMMED FLUSH W/WTR 15 MIN. GET MED AID. SKIN: WASH W/SOAP & WATER. IF RED, ITCH, BURN, ETC DEVELOP, GET MED AID. WASH CONTAM CLOTH BEFORE REUSE. INHAL: REMOVE FROM EXPOSURE. IF BREATH STOP/DIFFICU LT, GIVE ARTIF RESP/OXYGEN AS NEEDED. GET MED AID. INGEST: DONT INDUCE VOMIT. GIVE GLASS MILK/1-2 OZ ACTIVATED

CAHRC
OAL IN WATER AS TOLERATED. GET MED AID. NOTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point:35.0F,1.7C

Extinguishing Media:WATER MAY BE INEFFECTIVE. USE CO2, DRY CHEMICAL OR FOAM, WATER SPRAY, ALCOHOL/UNIVERSAL TYPE FOAM PER MFR'S RECOMMNDTNS.

Fire Fighting Procedures:WEAR COMPLETE FIRE SERVICE PROTECTIVE EQUIPMENT, INCLUDING FULL FACE MSHA/NIOSH SCBA. USE WATER TO COOL FIRE- EXPOSED CONTAINER/STRUCTURE/PR

OTECT PERSONNEL.

Unusual Fire/Explosion Hazard:VAPOR FLAMM/EXPLOS MIX IN AIR. VAPOR HEAVY, TRAVEL (GRND,PIT,SEWER) TO IGNIT SOURCE, FLASH. OPN/CLSD CNTNRS MAY CONTAIN FLAMM/EXPLOS VAPOR.CLSD CNTNR MAY

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK. AVOID BREATHING VAPORS. ELIM IGNIT SOURCE. VENT AREA. AVOID CONTACT WITH HOT LIQUID & FUMES. TAKE UP W/CARE TO AVOID HEAT & SPARKS. USE INERT ABSORBENT TO C

COMPLETE CLEANUP. MAT'L REACTS W/OXIDIZER. REPORT SPILL (100 LBS #

Neutralizing Agent:N/K # OR MORE) TO NAT'L RESPONSE CENTER 800-424-8802.

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

Handling and Storage Precautions:AVOID PROLONG/REPEAT CONTACT W/SKIN/EYES. AVOID PROLONG/REPEAT BREATH OF VAPOR,MIST,FUMES.HANDLE/USE IN ACCORD W/ 29CFR1910/LOCAL CODE.GRND & BOND DRU

Other Precautions:SPRAY PAINT IN ACCORD W/OSHA 29CFR 1910.107/LOCAL CODE. STORE I

N AREA/BLDG IN COMPLY W/OSHA 1910.106. KEEP IN CLSD, LABELED CNTNR W/IN COOL,DRY,VENTED AREA. PROTECT FROM PHYSICAL DAMAGE. KEEP CNTNRS N OT IN USE CLSD. DONT WEAR CONTACT ##

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL/TLV, USE MSHA/NIOSH APPROVED UNITS PER 29CFR 1910.134, INSTRUCTIONS/WARNINGS & NIOSH-RSPRTR DECISION LOGIC PUB 87.108. IF W/IN PROTECT F ACTOR AIR P URIFYING OV/FILTER UNITS OK.

Ventilation:GEN/LOCAL VENT TO CONTROL INHAL EXPOSURES BELOW TLV & LEL. LOCAL EXHAUST NEEDED IN ENCLOSED/CONFINED. SEE NIOSH 87.113.

Protective Gloves:RESISTNT FLEX GLOVES-HEAVY DUTY NEOPRENE

Eye Protection:SFTY GLASSES, FACE/SIDE SHLDS, GOGGLES

Other Protective Equipment:DEPENDING ON WORK CONDITIONS, WEAR RESISTANT PROTECT GARMENTS: HEAD/NECK COVER, APRON, JACKET, PANTS, COVERALL, BOOT.

Work Hygienic Practices:GOOD HOUSEKEEPING.DONT WEAR CONTAM CLOTH.

DISCARD CONTAM SHOES.WASH AFTER USING/BEFORE
EAT,DRINK,SMOKE,USE RESTROOM.

Supplemental Safety and Health

LENSES W/OUT PROPER EYE PROTECTION. DONT USE PRESSURE TO EMPTY
DRUMS. KEEP FROM HEAT/OPEN FLAME. READ/UNDERSTAND REACTIVITY DATA
BEFORE USING. AIRBORNE DUST GENERATED DURING REMOVAL (SAND,
GRIND,BL AST). EMPTY CNTNRS RETAIN RESIDUE(FLAMM/EXPLOSIVE). DONT
CUT, DRILL, GRIND, WELD ON EMPTY/FULL CNTNRS.

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

HCC:F2

Vapor Density:>1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:CLEAR VISCOUS LIQUID WITH A TYPICAL SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES.

Stability Condition to Avoid:N/K EXPLODE WHEN EXPOSED TO EXTREME

HEAT/FIRE. UNDER FIRE CONDITIONS, MAY EMIT IRRIT/TOXIC GAS/FUMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE UPON

THERMAL DECOMPOSITION.

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

Waste Disposal Methods:THIS PRODUCT IS A US EPA DEFINED IGNITABLE
HAZARDOUS WASTE DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. NOTE TO DR:
NO SPECIFIC ANTIDOTE. DIRECT TREATMENT AT SYMPTOM CONTROL/CLINICAL
COND.

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