

KOP-COAT INC -- MIL-L-19537 (16473 GRAY) -- 8010-00-527-2478

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Product Identification
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Product ID:MIL-L-19537 (16473 GRAY)

MSDS Date:03/01/1990

FSC:8010

NIIN:00-527-2478

MSDS Number: BKKDQ

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

Info Phone Num:800-556-7737, 412-227-2155

Emergency Phone Num:800-553-5631,

CHEMTREC 800-424-9300

Preparer's Name:C. A. HOPE

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)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 15-20%

Other REC Limits:NONE ESTABLISHED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:

1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 10-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:DI-SEC-OCTYL PHTHALATE (DI-2-ETHYLHEXYL-PHTHALATE) (SARA III)
CAS:117-81-7
RTECS #:TI0350000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:5 MG/M3/10 STEL
ACGIH TLV:5 MG/M3; 9192
EPA Rpt Qty:100 LBS
DOT Rpt Qty:100 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)
CAS
:123-86-4
RTECS #:AF7350000
Fraction by Wt: 30-35%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM/200 STEL
ACGIH TLV:150 PPM/200STEL;9192
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: 10-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT80500

00

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:VOC: 6.2 LBS/GAL

RTECS #:9999999VO

Other REC Limits:NONE SPECIFIED

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

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

Health Hazards Acute and Chronic:EYE: DIRECT CONTACT W/LIQUID OR VAPOR

MAY CAUSE IRRITATION. SKIN: PROLONGED &/OR REPEATED CONTACT W/SKIN
MAY CAUSE DEFATTING-REDNESS, CRACKING, BLISTERING, IRRITATION &

DERMATITIS. MAY BE ABSORBED THROUGH SKIN RESULTING IN SYSTEMIC

EFFECTS. INHALATION: INHALATION OF HIGH CONCENTRATIONS OF VAPORS
MAY CAUSE RESPIRATORY

Explanation of Carcinogenicity:NTP HAS DETERMINED THAT DI(2-ETHYL
HEXYL) IS A POTENTIAL CARCINOGEN.

Effects of Overexposure:TRACT IRRITATION & CNS DEPRESSION-HEADACHE,
WEAKNESS, DIZZINESS, INCOORDINATION & POSSIBLE COLLAPSE. INGESTION:
MAY CAUSE GASTROINTESTINAL DISTURBANCES-NAUSEA, VOMITING,
DIARRHEA

& EFFECTS SIMILAR TO THOSE DESCRIBED UNDER INHALATION. ASPIRATION
OF MAT'L INTO LUNG MAY CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE
FATAL.

Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASE IN OR A
HISTORY OF AILMENTS INVOLVING SKIN, EYE, RESPIRATORY TRACT, LIVER,
KIDNEY, CENTRAL NERVOUS SYSTEM ARE A GREATER THAN NORMAL RISK OF
DEVELOPING ADVERSE EFFECTS W/EXPOSURE.

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

First Aid:EYE: IMMEDIATE FL

USH W/LG AMT WATER-15 MIN. SKIN: WASH THOROUGHLY

W/SOAP & WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE.

INHALATION: REMOVE FROM EXPOSURE. IF BREATHING HAS STOPPED OR IS
DIFFICULT, GIVE CPR OR OXYGEN. INGEST: DO NOT INDUCE VOMIT. GIVE 1

GLASS MILK OR 1-2 OZ. ACTIVATED CHARCOAL IN WATER. NOTHING BY MOUTH
TO UNCONSCIOUS PERSON. SEEK NEEDED MEDICAL AID FOR THE ABOVE
CONDITIONS.

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

Flash Point Method:CC

Fla

sh Point:35.0F,1.7C

Autoignition Temp:Autoignition Temp Text:NIF

Lower Limits:NIF

Upper Limits:NIF

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

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

Unusual Fire/Explosion Hazard:VAPORS FORM FLAM/EXPLOS MIX I N AIR/MAY BE

IN CNTNRS. VAP MAY TRAVEL TO IGNITE SOURCE-FLASH. CLOSED CONTAINER MAY EXPLODE W/HEAT. MAY EMIT IRRIT/TOXIC GAS/FUMES.

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK INVOLVED. AVOID BREATHING VAPORS. REMOVE IGNITE SOURCES. VENT AREA. AVOID CONTACT W/HOT LIQUID & FUMES. TAKE UP CAREFULLY TO AVOID HEAT/SPARKS. USE INERT ABSORB TO COMPLETE CLEAN-UP.

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

Handling and Storage Precautions:AVOID PROLONGED/REPEATED CONTACT W/SKIN OR EYES & BREATHING OF VAPORS, MISTS OR FUMES. HANDLE, USE, SPRAY PAINT PER LOCAL CODES. GROUND/BOND DRUMS.

Other Precautions:STORAGE PER OSHA 1910.106. KEEP IN CLOSED, LABELED CONTAINER IN A COOL, DRY, WELL-VENT AREA. KEEP FROM IGNITION SOURCES. PROTECT FROM PHYSICAL DAMAGE. DO NOT USE PRESSURE TO EMPTY DRUMS. DO NOT WEAR CONTAM CLOTHING. DISCARD CONTAM FOOTWEAR.

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

Respiratory Protection:IF VENT DOES NOT MAINTAIN INHALE EXPOS BELOW PEL(TLV), USE MSHA/NIOSH APPR'D UNITS AS PER 29 CFR 1910.134, INSTRUCTIONS/ WARNINGS & NIOSH-RESPIRATOR DECISION LOGIC-PUB.#87.108. IF WITHIN, OSHA PROTECT FACTOR, AIR PURIFYING OV/FILTER UNIT OK

Ventilation:SUFFICIENT GENERAL/LOCAL EXHAUST VENTILATION TO CONTROL INHALATION EXPOSURE. LOCAL EXHAUST IN CONFINED/ENCLOSED SPACES.

Protective Gloves:HEAVY D

UTY NEOPRENE OR EQUAL.

Eye Protection:SAFETY GLASSES, SIDE SHIELDS, GOGGLES.

Other Protective Equipment:WEAR INDUST-TYPE WORK CLOTH & SAFETY SHOES.

WEAR HEAD/NECK COVER, APRONS, JACKETS, PANTS, COVERALLS, BOOTS AS NEEDED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES.

MAINTAIN GOOD HOUSEKEEPING. THOROUGHLY WASH BEFORE EATING, DRINKING, SMOKING.

Supplemental Safety and Health

THIS MATERIAL REACTS WITH OXIDIZING MATERIALS. THIS PRODUCT RELEASED INTO THE ENVIRO

NMENT MUST BE REPORTED TO THE NAT'L RESPONSE CENTER

(1-800-424-8802). WHEN THIS PRODUCT IS SPILLED OR LEAKED, THE RE

PORTABLE QUANTITY IS 100 LBS. OR MORE. DO NOT WEAR CONTACT LENS

WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

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

HCC:F2

Boiling Pt:B.P. Text:NIF

Vapor Pres:NIF

Vapor Density:>1

Spec Gravity:8.69 LBS/GAL

Viscosity:NIF

Evaporation Rate & Reference:NIF

Solubility in Water:NEGLIGIBLE

Appearanc

e and Odor:GRAY VISCOUS LIQUID WITH A TYPICAL SOLVENT ODOR.

Percent Volatiles by Volume:NIF

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE UPON THERMAL DECOMPOSITION.

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

Waste Disposal Methods:THIS PRODUCT IS A US EPA DEFINED IGNITABLE HAZA

RDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN
ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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