

KOP-COAT INC -- MIL-L-19538C (36231 GRAY) -- 8010-00-527-2499

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Product Identification
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Product ID:MIL-L-19538C (36231 GRAY)

MSDS Date:04/01/1990

FSC:8010

NIIN:00-527-2499

MSDS Number: BKPHX

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:800-547-2468

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

CHEMTREC

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: 10-15%

Other REC Limits:NONE SPECIFIED

OSHA 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 (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 20-25%

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

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 1-5%

Other REC Limits:78-93-3ECIFIED

OSHA PEL:5 MG/M3/10 STEL

ACGIH TLV:5 MG/M3; 9192

EPA Rpt Qty:100 LBS

DOT Rpt Qty:100 LBS

Ingred N

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

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 5-10%

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 #:NT8050000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:SILICA, AMORPHOUS, DIATOMACEOUS EARTH, CONTAINING LESS THAN 1%

CRYSTALLINE SILICA
CAS:61790-53-2
RTECS #:HL8600000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:20 MPPCF
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TALC (CONTAINING NO ASBESTOS)
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 RDUST
ACGIH TLV:2 MG/M3 RDUST; 9192

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 TD
UST; 9293

Ingred Name:VOC: NO INFORMATION FOUND
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN:
DEFATTING-REDNESS, CRACKING, BLISTERING, IRRITATION & DERMATITIS.
INHALE: RESPIRATORY TRACT IRRITATION, CENTRAL NERVOUS SYSTEM
DEPRESSION-HEADACHE, WE
AKNESS, DIZZINESS, INCOORDI NATION,
COLLAPSE, LUNG CHANGES. INGEST:GASTROINTESTINAL
DISTURBANCES-NAUSEA, VOMITING, DIARRHEA. ASPIRATION OF THIS
Explanation of Carcinogenicity:DI(2-ETHYLHEXYL) PHTHALATE IS LISTED BY
NTP AS A POTENTIAL CARCINOGEN.
Effects of Overexposure:PRODUCT INTO THE LUNG MAY CAUSE CHEMICAL
PNEUMONITIS WHICH CAN BE FATAL.
Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASE IN OR A
HISTORY OF AILMENTS INVOLVING THE SKIN, RESPIRATORY TRACT, KIDNEY,
L

IVER, EYE CENTRAL NERVOUS SYST ARE AT GREATER RISK OF DEVELOPING ADVERSE EFFECTS W/EXPOS TO THIS MAT'L.

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First Aid Measures
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First Aid:EYE: IMMED FLUSH W/LG AMT WATER-15 MIN, SEEK MED AID. SKIN: WASH W/SOAP & WATER. PERSISTANT IRRIT: SEEK MED AID. WASH CONTAM CLOTH BEFORE REUSE. INHALE: REMOVE FROM EXPOSURE. FOR STOPPED/DIFFICULT BR EATHING, GIVE CPR/OXYGEN AS NEEDED. SEEK MED AID. INGEST: DO NOT INDUCE VOMIT. GIVE 1 GLASS MI LK OR 1-2 OZ (30 TO 60G) ACTIVATED CHARCOAL IN WATER. SEEK MED AID. NOTHING BY MOUTH TO UNCONSCIOUS PERSON

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Fire Fighting Measures
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Flash Point:35.0F,1.7C
Autoignition Temp:Autoignition Temp Text:NIF
Lower Limits:NIF
Upper Limits:NIF
Extinguishing Media:USE CO2, DRY CHEMICAL, FOAM, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS PER MFR'S RECOMMENDATIONS. WATER INEFFECTIVE.
Fire Fighting Procedures:WEAR COMPLETE FIRE SERVICE PROTECTIVE EQUIPMENT, INCLUDING FULL-FACE MSHA/NIOSH SCBA. USE WATER TO COOL FIRE- EXPOSED CONTAINERS/STRUCTURES/PROTECT PERSONNEL.
Unusual Fire/Explosion Hazard:VAPORS FORM FLAMM/EXPLOS MIX IN AIR. VAPORS HEAVY, TRAVEL TO IGNITE SOURCE/FLASH. CLOSED CNTNRS MAY EXPLODE W/EXTREME HEAT. MAY EMIT IRRIT/TOXIC GAS/FUMES.

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Accidental Release Measures
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Spill Release Procedures:STOP SPILL/LEAK IF NO RISK. AVOID: BREATHING VAPOR; HOT LIQ/FUMES; HEAT/SPARKS. REMOVE IGNITE SOURCES. VENT AREA. USE INERT ABSORBENT TO FINISH CLEAN-UP. REACTS W/OXIDIZING AGENTS. REPORT RELEASE (100 LBS OR MORE): NAT'L RESPONSE CTR (800-424-8802).

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Handling and Storage
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Handling and Storage Precautions:STORE AREA COMPLYING W/OSHA 1910.106. KEEP IN COOL, DRY, VENT AREA. NO PHYSICAL DAMAGE. KEEP CNTNRS LABELED/CLOSED. DO NOT BREATHE. AVOID ANY CONTACT.
Other Precautions:GROUND/BOND DRUM. DO NOT USE PRESSUR

E TO EMPTY DRUMS.

DO NOT WEAR CONTAM CLOTHING. DISCARD CONTAM FOOTWEAR. KEEP FROM HEAT/OPEN FLAME. NO CONTACT LENSES W/O PROPER EYE PROTECTION. EMPTY CNTNRS RETAIN RESIDUE INCLD FLAMM/EXPLOS VAPOR.

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

Respiratory Protection:IF VENT DOES NOT MAINTAIN INHALATION EXPOS BELOW PEL(TLV), USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29 CFR 1910.134. IF WITHIN PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS OK.

Ventilation:VENT TO KEEP EXPOSURE BELOW CURRENT EXPOSURE LIM & AREAS BELOW FLAMM VAPOR CONCENTRATION. CONFINED AREA: LOCAL EXHAUST.

Protective Gloves:HEAVY DUTY NEOPRENE OR EQUIVALENT.

Eye Protection:SAFETY GLASSES;FACE/SIDE SHIELDS;GOGGLES

Other Protective Equipment:INDUST-TYPE WORK CLOTHES/SAFETY FOOTWEAR. DEPENDING ON CONDITION-HEAD/NECK COVER, APRON, JACKET, PANTS, COVERALLS, BOOTS

Work Hygienic Practices:WASH EXPOSED AREAS PROMPTLY/THOROUGHLY AFTER SKIN CONTACT & BEFORE EATING, DRINKING, USING TOBACCO PRODUCTS OR RESTROOM.

Supplemental Safety and Health

DO NOT CUT, DRILL, GRIND, WELD ON/NEAR CONTAINERS. AIRBORNE PARTICULATE ARE GENERATED DURING REMOVAL OPERATIONS (ABRASIVE BLASTING, SANDING, GRINDING). READ/UNDERSTAND MFR'S PRECAUTIONS BEFORE USING. THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

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

HCC:F2

Boiling Pt:B.P. Text:NIF

Vapor Pres:N

IF

Vapor Density:>1

Spec Gravity:NIF

Viscosity:NIF

Evaporation Rate & Reference:NIF

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR.

Percent Volatiles by Volume:NIF

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===== 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.

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=== 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.

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