

KOP-COAT INC -- MIL-L-19538C (37038 BLACK) -- 8010-00-527-2884

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Product Identification
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Product ID:MIL-L-19538C (37038 BLACK)

MSDS Date:04/01/1990

FSC:8010

NIIN:00-527-2884

MSDS Number: BJQSN

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:800-547-2468

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

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reparer'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:NOT SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 L

BS

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 35-40%

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:NOT 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: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:NOT 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
CAS:14807-96-6
RTECS #:VV7720000
Fraction by Wt: 10-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 RDUST
ACGIH TLV:2 MG/M3 RDUST

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 1-5%
Other REC Limits:NOT SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

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===== Hazards Identification =====
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Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN: PROLONG &/OR
REPEAT CONTACT-DEFATTING. ABSORPTION: SYSTEMIC EFFECTS. INHALE OF
HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY TRACT IRRITATION &
CENTRAL NERVE SYSTEM DEPRESSION. REPE AT/PROLONG INHALE OF HIGH
CONC OF PARTICULATES: LUNG CHANGES. INGESTION: GASTROINTESTINAL
DISTURBANCES. LUNG A
SPIRATION.
Explanation of Carcinogenicity:DI(2-ETHYL HEXYL) PHTHALATE LISTED AS
CARCINOGEN.
Effects of Overexposure:SKIN: REDNESS, CRACKING, BLISTERING, IRRITATION
AND DERMATITIS. INHALATION: HEADACHE, WEAKNESS, DIZZINESS,
INCOORDINATION AND POSSIBLE COLLAPSE. INGESTION: NAUSEA, VOMITING
AND DIARRHEA. MANY EFFECTS SAME AS INHALATION. CHEMICAL
PNEUMONITIS, CAN BE FATAL.
Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXIST DISEASE OR
HISTORY OF AILMENTS INVOLVING THE

SKIN, EYE, RESPIRATORY TRACT,
LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM ARE AT GREATER RISK TO
DEVELOP ADVERSE EFFECTS W/THIS PRODUCT.

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

First Aid:EYE: FLUSH W/LARGE AMT OF WATER FOR 15 MIN. SKIN: WASH W/SOAP
& WATER. WASH CONTAMINATED CLOTHES BEFORE REUSE. INHALE: REMOVE
FROM EXPOSURE. IF BREATHING STOPPED OR DIFFICULT ADMIN CPR OR
OXYGEN AS NE EDED. INGEST: DO NOT INDUCE VOMITING. GIVE 1 GLASS
MILK OR 1 T
O 2 OZ ACTIVATED CHARCOAL IN WATER AS TOLERATED.
EMERGENCY/PERSISTENCE: GET IMMEDIATE MEDICAL AID. NOTHING BY MOUTH
TO UNCONSCIOUS PERSON.

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

Flash Point:35.0F,1.7C
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,WATER SPRAY,ALCOHOL OR
UNIVERSAL TYPE FOAMS AS PER MANUF RECOMMENDATIONS.
WATER/INEFFECTIVE.
Fire Fighting Procedures:FULL FIRE PROTECTIVE CLOTHES, INCL FULL-FACE
MSHA/NIOSH APPROVED SELF-CONTAINED B
REATHING APPARATUS. USE WATER
TO COOL CONTAINERS/STRUCTURES & PROTECT PERSONNEL
Unusual Fire/Explosion Hazard:VAPORS:FLAM/EXPLOS MIX IN AIR. VAPOR
HEAVY/TRAVEL TO IGNITE SOURCE-FLASH. CNTNRS MAY HOLD FLAM VAPOR.
CLOSED CNTNRS MAY EXPLODE W/HEAT. EMITS IRRIT/TOXIC FUMES.

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

Spill Release Procedures:STOP SPILL/LEAK IF AT NO RISK. AVOID:
BREATHING VAPOR; CONTACT WITH HOT LIQUIDS/FUMES; HEAT/SPARKS. TURN
OFF IGNIT
E SOURCES. VENTILATE AREA. INERT ABSORB TO FINISH
CLEAN-UP. REACTS W/OXIDIZING AGENTS. REPORT RELEASE (100+ LB).

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

Handling and Storage Precautions:AVOID PROLONG/REPEAT:BREATHING OF
VAPORS/MISTS/FUMES, CONTACT W/SKIN/EYES. STORE:COOL,DRY,VENTED
AREA. KEEP CNTNRS LABELED/CLOSED. NO PHYSICAL DAMAGE.
Other Precautions:GROUND & BOND DRUMS. DO NOT USE PRESSURE TO EMPTY
DRUMS. DO NOT WEAR CONTAMINATED CLOTHING. DISCAR

D CONTAMINATED

FOOTWEAR. KEEP AWAY FROM HEAT AND OPEN FLAME. DO NOT WEAR CONTACT LENS WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

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

Respiratory Protection: IF VENT NOT MAINTAIN EXPOSURES BELOW TLV USE MSHA/NIOSH APPR'D UNIT AS PER CURRENT 29CFR 1910.134.

Ventilation: SUFFICIENT VENTILATION TO KEEP EXPOS BELOW CURRENT EXPOS LIM & AREAS BELOW FLAMM VAPOR CONC. LOCAL EXHST/CONFINED AREA.

Protective Gloves:

HEAVY DUTY NEOPRENE OR EQUIVALENT.

Eye Protection: MIN: SAFETY GLASSES. SIDE/SHIELD GOGGLES

Other Protective Equipment: FACESHIELD, RESISTANT PROTECTIVE GARMENTS: HEAD/NECK COVER, APRONS, JACKETS, PANTS, COVERALLS, BOOTS, ETC.

Work Hygienic Practices: WASH AFTER SKIN CONTACT AND BEFORE EATING, DRINKING, USING TOBACCO OR RESTROOMS. SPRAY PAINT: USE 29 CFR 1910.107.

Supplemental Safety and Health

EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE INCLUDING FLAMMABLE EXPLOSIVE VAPORS. DO NOT

CUT, DRILL, GRIND OR WELD ON OR NEAR

PRODUCT CONTAINERS. AIRBORNE PARTICULATE MAY BE GENERATED DURING REMOVAL OPERATIONS INCLUDING ABRASIVE BLASTING, SANDING OR GRINDING. READ AND UNDERSTAND MANUFACTURER'S PRECAUTIONS BEFORE USING.

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

Vapor Density: > 1

Solubility in Water: NEGLIGIBLE

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

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

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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 HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DOT REPORTABLE QUANTITIES: N-BUTYL ACETATE:

5000 METHYL ETHYL KETONE: 5000
TOLUENE: 1000 LBS.

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