

KOP-COAT INC -- MIL-L-19537C (16081 GRAY) 1565GY16 -- 8010-00-527-2485

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Product Identification
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Product ID:MIL-L-19537C (16081 GRAY) 1565GY16

MSDS Date:05/01/1990

FSC:8010

NIIN:00-527-2485

MSDS Number: BJQSD

=== 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

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:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 15-20%

Other REC Limits:NONE SPECIFIED

OSHA PEL:150 PPM/200 STEL

ACGIH TLV:150 PPM/200STEL;9192

EPA Rp

t 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: 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:TITANIUM DIOXIDE

CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TOLUENE (SARA III)

CAS:10
8-88-3
RTECS #:XS5250000
Fraction by Wt: 5-10%
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 LBS

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

CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 15-20%
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:IRON OXIDE

CAS:1309-37-1
RTECS #:NO7400000
Fraction by Wt: 1-5%
Other

REC Limits:NONE SPECIFIED
OSHA PEL:10 MG/M3 (FE)
ACGIH TLV:5 MG/M3(FE),B2; 9293

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 5-10%
Other REC Limits:NOT SPECIFIED
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:ISOBUTYL ACETATE (SARA III)
CAS:110-19-0
RTECS #:AI4025000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM
ACGIH TLV:150 PPM; 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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Hazard 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: PROLONGED &/OR
REPEATED CONTACT CAUSES DEFATTING. ABSORPTION: SYSTEMIC EFFECTS.
INHALE: HIGH CONCENTRATIONS CAUSES RESPIRATORY TRACT IRRITATION AND
CENTRAL NERVOUS SYSTEM DEPRESSION, METAL FUME FEVER. INGESTION:
GASTROINTESTINAL DISTURBANCE. LUNG ASPIRATION: CHEMICAL

PNEUMONITIS, CAN BE FATAL.

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, METALLIC
TASTE,FLU-LIKE SYMPTOMS, INCOORDINATION AND POSSIBLE COLLAPSE.
INGESTION: NAUSEA, VOMITING AND DIARRHEA. MANY EFFECTS SAME AS
INHALATION.

Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXIST DISEASE OR
HISTORY OF AILMEN

TS 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 TO 2 OZ ACTIVATED CHARCOAL IN WATER AS TOLERATED. 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 BREATHING AP
PARATUS. 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 IGNITE 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
VAPOR/MIST/FUMES, CONTACT W/SKIN/EYES. STORE:COOL,DRY,VENTED AREA.
CNTNRS LABELED/CLOSED. SPRAY PNT:OSHA 29CFR1910.107.

Other Precautions:GROUND & BOND DRUMS. DO NOT USE PRESSURE TO EMPTY
DRUMS. DO NOT WEAR CONTAMINATED CLOTHING. DISCARD CONTAMINA

TED

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

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

Respiratory Protection: IF VENT NOT MAINTAIN EXPOSURES BELOW TLV, US NIOSH/MSHA APPROVED UNIT AS PER CURRENT 29 CFR 1910.134.

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

Protective Gloves: INDUSTRIAL RESISTANT FLEX-TYPE GLOVES.

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 & BEFORE EATING, DRINKING, USING TOBACCO OR RESTROOMS. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

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.

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

Vapor Density: > 1

Solubility in Water: NEGLIGIBLE

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

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===== 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.

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===== 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: TOLUENE: 1000 LBS

; METH YL ETHYL KETONE: 5000 LBS.

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