

KOP-COAT INC -- MIL-L-19537C AM3 (15102 BLUE) 1565BL13 -- 8010-00-527-2484

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Product Identification
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Product ID:MIL-L-19537C AM3 (15102 BLUE) 1565BL13

MSDS Date:11/01/1989

FSC:8010

NIIN:00-527-2484

MSDS Number: BJQSC

=== 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:TOLUENE (SARA III)

CAS:108-88-3

RTECS #:XS5250000

Fraction by Wt: 25-30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:200 PPM/150 STEL

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:1

000 LBS
DOT Rpt Qty:1000 LBS

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: 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: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:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
Other REC Limits:400 PPM 10 HR TWA *
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2

275000
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:VOC: 640 GRAMS/LITER
RTECS #:9999999VO
Other REC Limits:NONE SPECIFIED

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===== 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: PROLONGED &/OR
REPEATED CONTACT CAUSES DEFATTING. ABSORPT
ION: SYSTEMIC EFFECTS.
INHALATION OF HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY TRACT
IRRITATION AND CENTRAL NERVOUS SYST EM DEPRESSION. INGESTION:
GASTROINTESTINAL DISTURBANCES. ASPIRATION TO LUNGS: 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,
INCOORDINATION AND POSSIB
LE COLLAPSE. INGESTION: NAUSEA, VOMITING
AND DIARRHEA. MANY EFFECTS SAME AS INHALATION.
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.

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===== 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.

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

Flash Point:35.0F,1.7C
Extinguishing Media:CARBON DIOXIDE,DRY CHEMICAL,WATER SPRAY,ALCOHOL OR
UNIVERSAL T

TYPE FOAMS AS PER MANUF RECOMMENDATIONS.

WATER/INEFFECTIVE.

Fire Fighting Procedures:FULL FIRE PROTECTIVE CLOTHES, INCL FULL-FACE
MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING 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 Meas
ures =====

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 OF
VAPORS/MISTS/FUMES, CONTACT W/SKIN/EYES. STORE:COOL, DRY, VENTED
A

REA. KEEP CNTNRS LABELED/CLOSED. NO PHYSICAL DAMAGE.

Other Precautions:GROUND & BOND DRUMS. DO NOT USE PRESSURE TO EMPTY
DRUMS. DO NOT WEAR CONTAMINATED CLOTHING. DISCARD 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
NIOSH/MSHA APPROVED APPROVED UNITS
PER 29 CRF 1910.134.

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

Protective Gloves: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 RESTROOM

S. SPRAY PAINT: USE OSHA 29 CFR
1920.107.

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 =====

Spec Gravity

ty:8.12 LBS/GAL

Viscosity:20 SEC-MAX/4F

Solubility in Water:NEGLIGIBLE

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

Percent Volatiles by Volume:74

===== 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 =====

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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; METHYL ETHYL KETONE & N-BUTYL
ACETATE: 5000LBS.

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