

KOPCOAT, INC -- TT-L-32A AM 1 TYPE 2 (14187 GREEN) -- 8010-00-257-5375

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Product Identification
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Product ID:TT-L-32A AM 1 TYPE 2 (14187 GREEN)

MSDS Date:11/01/1988

FSC:8010

NIIN:00-257-5375

MSDS Number: BNCBD

=== Responsible Party ===

Company Name:KOPCOAT, INC

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:1-800-547-2468

Emergency Phone Num:1-800-

548-0489

Preparer's Name:CA HOPE

CAGE:KO914

=== 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

Company Name:KOPCOAT, INC

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Phone:1-800-547-2468

CAGE:KO914

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Composition/Information on Ingredients
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Ingred Name:LEAD CHROMATE (AS LEAD)

CAS:7758-97-6

RTECS #:GB2975000

Fraction by Wt: 45-50%
Other REC Limits:NONE SPECIFIED

Ingred Name:LEAD CHROMATE (AS CHROMIUM VI)(SARA)
CAS:7758-97-6
RTECS #:GB2975000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED

Ingred Name:DIOCTYL PHTHALATE **&***
CAS:117-84-0
RTECS #:TI0350000
Fraction by Wt: 81-7%
Other REC Limits:REDUCE LOW FEASIBLE
OSHA PEL:400 PPM
ACGIH TLV:400PPM/500PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ISOPROPYL ALCOHOL
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
Other REC
Limits:NONE SPECIFIED
OSHA PEL:400 PEL
ACGIH TLV:400PPM/500PPM STEL

Ingred Name:N-BUTYL ALCOHOL (SKIN)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:S, C 50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYL GLYCOL MONOBUTYL ETHER (SKIN)NONE
CAS:111-76-2
RTECS #:KJ8575000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:S, 50 PPM
ACGIH TLV:S, 25 PPM; 9293

Ingred Name:METHYL ETHYL KETONE
CAS:78-93-

3

RTECS #:EL6475000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200PPM/300PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE
CAS:108-10-1
RTECS #:SA9275000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/15
0 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:N-BUTYL ACETATE (VAPOR PRESSURE 10 MM HG @ 20 C) (LFL 1.7;
UFL 7.6) (SOLVENT)
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM;200 PPM STEL
ACGIH TLV:150 PPM;200 PPM STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA 313) (VAPOR PRESSURE 5 MM HG @ 20 C) (LFL 1.0;
UFL 7.0) (SOLVENT)
CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 1

0-15%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM;150 PPM STEL
ACGIH TLV:100 PPM;150 PPM STEL
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ISOBUTYL ACETATE (LFL 2.0; UFL 11.0) (SOLVENT)
CAS:110-19-0
RTECS #:AI4025000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM; 700 MG/M3
ACGIH TLV:150 PPM; 700 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES I
ngestion:YES
Reports of Carcinogenicity:NTP:UNKNOWN IARC:YES
Health Hazards Acute and Chronic:EYE-IRRIT,TEARING,POSS CORNEAL
DAMAGE.SKIN-DERMATITS,POSS SENSITZATION
REACTION.DEFATTING,REDNESS,CRACKING,BLISTERING,IRRIT.CAN BE
ABSORBED.INHALE-SEVERE MUCOUS MEMBRANE IRRIT,KIDNEY/LIVER
DAMAGE,RESP TRACT IRRIT,CENTRAL NERVOUS SYS
DEPRESSION,HEADACHE,WEAKNESS,DIZZINESS,INCOORDIANTION POSSIBLE
COLLAPSE.*
Explanation of Carcinogenicity:DIOCTYL PHTHALATE AND CHROMATES ARE
C
ARCINOGENS.
Effects of Overexposure:SEVERE GI DISTRUBANCES,ANEMIA,OTHER BLOOD
CHANGES,ABDOMINAL PAIN,WEAKNESS,WEIGHT
LOSS,INSOMNIA,FATIGUE,CONSTIPATION,APPETITE LOSS,MUSCLE
WEAKNESS,ENCEPHALOPATY.*INGEST-GI IRRIT,ABDOMINAL PAIN, NAUSEA,
VOMITING,DIARRHEA.ASPIRATION OF THIS PRODUCT INTO THE LUNG MAY
CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

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

First Aid:EYE-IMMED FLUSH W/LRG AMOUNTS OF WATER 15 MINS.GET M

ED

ATTN.SKIN-WASH THORO W/SOAP,WATER.IF RED,ITCH,BURN,GET MED
ATTN.WASH CLOTH BEFORE REUSE.INHALE-REMOVE FROM EXP.IF BREATH
STOP/DIFF,ADMIN ARTIF RE SP/OXGYEN.GET MED ATTN.INGEST-DONT INDUCE
VOMIT.GIVE 1 GLASS MILK,1-2 OZ ACTIVATED CHARCOAL IN WATER IF
TOLERATED.GET MED AID.DONT ATTEMPT TO GIVE ANYTHING BY MOUTH TO AN
UNCONSCIOUS PERSON.

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

Flash Point:30.0F,-1.1C

Extinguishing Media:CARBON DIOXIDE,DRY CH
EMICAL,WATER SPRAY,ALCOHOL OR

UNIVERSAL TYPE FOAMS AS PER MANUFACTURER'S RECOMMENDATIONS.

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

Unusual Fire/Explosion Hazard:VAPORS FORM FLAMMABLE/EXPLOSIVE MIXTURES
IN AIR.VAPORS MAY TRAVEL(GROUND,PIT)TO IGNIT
SOURCE-FLASH.OPEN/CLOSED CONTRS MAY CONTAIN FLAMMABLE EXPLOSE
VAPORS.

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== Accidental Release Measures =====

Spill Release Procedures:STOP SPILL/LEAK.DONT BREATH VAPORS.ELIMINATE
SOURCES OF IGN.VENT AREA.AVOID CONTACT W/HOT LIQUID,FUMES.TAKE UP
CAREFULLY TO AVOID HEAT,SPARKS.USE INERT ABSORB.IF RELEASED INTO
ENVIRONMENT,MUST BE REPO RTED NATIONAL RESPONSE CENTER
1-800-424-8802.

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

Handling and Storage Precautions:DONT BREATHE VAPORS/MIST.DONT GET ON
SKIN,EYES,CLOTH

.USE IN ACCORD OSHA 29 CFR 1910.106/LOCAL
CODES.DISCARD CONTAM SHOES/CLOTH.AREAS/BUILD COMPLY**

Other Precautions:**W/OSHA 1910.106.KEEP CLOSED,LABELED CONTR WITHIN
COOL,DRY-VENT AREA.PROTECT FROM PHYSICAL DAMAGE.KEEP CONTRS
CLOSED.MAINTAIN GOOD HOUSEKEEPING.NOT FOR USE IN HOMES.GRND,BOND
DRUMS.DONT USE PRESS TO EMPTY DRUMS.DONT USE WITHOUT UNDERSTAND.

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

Respiratory Protection:IF EXPSR BELOW PEL(TLV)USE MSHA/NI

OSH APPRVD
UNITS.

Ventilation:PROVIDE SUFF GENERAL/LOCAL EXHAUST VENT IN PATTERN/VOLUME
TO CONTROL INHALE EXPOSURES BELOW EXP LIMITS.USE LOCAL EXHAUST

Protective Gloves:INDUST RESISTANT FLEXIBLE.(NEOPRENE)

Eye Protection:INDUST SAFETY GLASSES,SIDE SHIELDS,GOGG.

Other Protective Equipment:FACESHIELD.INDUST WORK CLOTHING,SAFETY
FOOTWEAR.IF NEEDED HEAD/NECK

COVER,APRONS,JACKETS,PANTS,COVERALLS,BOOTS, ETC.

Work Hygienic Practices:WASH EXPOSED AREAS PROMPTLY,THORO.WASH BEFORE
EATI

NG,DRINKING,USING TOBACCO PRODUCTS OR RESTROOMS.

Supplemental Safety and Health

DONT WEAR CONTACT LENSES WITHOUT PROPER EYE PROTECTION.DONT USE UNTIL
MANUFACTURER'S PRECAUTIONS HAVE BEEN READ/UNDERSTOOD.THIS PRODUCT

CONTAINS CHEMICAL KNOWN IN CALIF TO CAUSE CANCER,BIRTH DEFECTS/O

THER REPRODUCTIVE HARM.AVOID PROLONGED/REPEATED CONTACT

W/SKIN,EYES.DONT WEAR CONT CLOTH.DONT BREATH VAPOR/MISTS.

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

Vapor Density:(AIR

=1)>1

Solubility in Water:NEGLIGIBLE

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

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

Stability Indicator/Materials to Avoid:YES

AVOID ACIDS,REDUCING AGENTS,OXIDIZING AGENTS,HEAT SPARKS AND OPEN
FLAME.

Stability Condition to Avoid:AVOID ACIDS,REDUCING AGENTS,OXIDIZING
AGENTS,HEAT SPARKS AND OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE,CARBON DIOXIDE UPON
THERMAL DECOMP

OSITION, OXIDES OF LEAD AND CHROMIUM.

Conditions to Avoid Polymerization:AVOID ACIDS,REDUCING
AGENTS,OXIDIZING AGENTS, HEAT SPARKS AND OPEN FLAME.

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

Waste Disposal Methods: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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