

KOP-COAT INC -- TT-L-32A TYPE 2 (17875 WHITE), 1571W11 -- 8010-00-257-5377

===== Product Identification =====

Product ID:TT-L-32A TYPE 2 (17875 WHITE), 1571W11

MSDS Date:01/01/1990

FSC:8010

NIIN:00-257-5377

MSDS Number: BMZSH

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

Info Phone Num:800-556-7737, 412-227-2155

Emergency Phone Num:800-553-5631, CHEMTREC 800-424-9300

Preparer's Name

e: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

===== Composition/Information on Ingredients =====

Ingred Name:DI(2-ETHYL HEXYL) PHTHALATE (SARA 313)

CAS:117-81-7

RTECS #:TI0350000

Fraction by Wt: 1-5%

Other REC Limits:NONE SPECIFIED

OSHA PEL:5 MG/M3/10 STEL

ACGIH TLV:5 MG/M3/10 STEL

EPA Rpt Qty:100 LBS

DOT Rpt Qty:

100 LBS

Ingred Name:ISOBUTYL ACETATE
CAS:110-19-0
RTECS #:AI4025000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM
ACGIH TLV:150PPM / 187 STEL
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:#
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 ALCOHOL (SKIN) (SARA 313)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 1
-55%
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:N-BUTYL ACETATE
CAS:123-86-4
RTECS #:AF7350000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:150 PPM /200 STEL
ACGIH TLV:150 PPM /200 STEL
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ISOBUTYL KETONE (SARA 313)
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:ISOPROPYL ALCOHOL ##400 PPM TWA 10 HR 800 PPM 15 MIN
CEILING
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 1-5%
Other REC Limits:##
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500 STEL

Ingred Name:VM&P NAPHTHA
CAS:8030-30-6
RTECS #:DE3030000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:300 PPM / 400 STEL
ACGIH TLV:300 PPM

Ingred Name:ISOBUTYL ALCOHOL
CAS:78-83-1
RTECS #:NP9625000
Fraction by Wt:
1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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 TDUST; 9293

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 RECOMMENDED
OSHA PEL:200 PPM
ACGIH TLV:200 PPM/300STEL;9394
EPA Rpt Q

ty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:ETHYLENE GLYCOL MONOBUTYL ETHER (SKIN)
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

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:EYE:MAY CAUSE IRRITATION AND/OR
REVERSIBLE CORNEA INJURY. SKIN;PROLONGED AND/OR REPEATED SKIN
CONTACT MAY CAUSE DRYI
NG, IRRITATION, AND/OR DERMATITIS. MAY BE
ABSORBED THROUGH THE SKIN RESULTING IN SYS TEMIC EFFECTS.
INHALATION:PROLONGED INHALATION OF HIGH CONCENTRATIONS OF VAPOR MAY
CAUSE NAUSEA, DIZZINESS, HEADACHE *
Effects of Overexposure:*CENTRAL NERVOUS SYSTEM DEPRESSION, WEAKNESS
AND LOSS OF COORDINATION. REPEATED OVEREXPOSURES TO INHALED VAPOR
MAY CAUSE INJURY TO LIVER, KIDNEY AND/OR BLOOD. INGESTION:INGESTION
MAY CAUSE NAUSEA, VOM ITING AND/OR DIARRHEA. ASPIRATION OF THIS
M
ATERIAL INTO THE LUNGS CAN CAUSE CHEMCIAL PNEUMONITIS WHICH CAN BE
FATAL.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASE IN OR A HISTORY OF AILMENTS INVOLVING THE LIVER, KIDNEY,
BLOOD, SKIN, CENTRAL NERVOUS SYSTEM AREA ARE AT A GREATER THAN
NORMAL RISK OF DEVELOPING ADVERSE EFFECTS

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

First Aid:EYES;FLUSH W/LOTS OF WATER FOR 15 MIN.SEEK MED AID.SKIN:WASH
THOROUGHLY W/SOAP/WATER/WAT
ERLESS CLEANER.IF IRRIT PERSISTS,SEEK
MED AID.WASH CONTAMIN CLOTHES BEFORE REUSE.INHALED:REMOVE FROM
EXPOS.IF BR EATHING STOPPED/DIFFICULT,GIVE CPR/OXYGEN.SEEK MED
AID.INGESTION:DO NOT INDUCE VOMIT.GIVE 1 OR 2 OZ OF ACTIVATED
CHARCOAL IN WATER.IMMED SEEK MED AID.DO NOT GIVE ANYTHING BY MOUTH
TO UNCON PERSON.

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

Flash Point Method:TCC
Flash Point:25.0F,-3.9C
Extinguishing Media:WATER MAY BE INEFFECTIVE. USE CA

RBON DIOXIDE, DRY

CHEMICAL, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS.

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

Unusual Fire/Explosion Hazard:VAPOR FORM FLAM/EXPLOS MIX IN AIR.VAPORS HEAVY,MAY TRAVEL TO IGNIT SOURCE-FLASH.OPEN/CLOSED CNTNRS MAY CONTAIN FLAM/EXPLOS VAPORS.MAY EMIT IRRIT/TOXIC GAS/FUMES

===== Accidental Release M
asures =====

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK.AVOID BREATHING VAPORS.ELIMINATE ALL SOURCE OF IGNIT.VENT AREA.AVOID CONTACT W/HOT LIQUID/FUMES.TAKE UP CAREFULLY TO AVOID HEAT/SPARKS.USE INERT ABSORBENT.THIS PRODUCT RELEA SED INTO THE ENVIRONMENT MUST BE REPORTEDT TO NRC.

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

Handling and Storage Precautions:AVOID PROLONGED/REPEATED BREATHING OF VAPORS,MIST/FUMES,CONTACT W/SKIN/EYES.HANDLE/USE IN ACCORD W/LOCAL CODES.STORE IN BUILDING PER OSHA 1910.106.**

Other Precautions:**KEEP IN A CLOSED,LABLED CONTAINER WITHIN A COOL,DRY-VENTILATED AREA.PROTECT FROM PHYSICAL DAMAGE.KEEP CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE.GROUND/BOND DRUMS.DO NOT USE PRESSURE TO EMPTY DUR MS.DISCARD CONTAMINATED CLOTHES/FOOTWEAR

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

Respiratory Protection:NOT NORMALLY REQUIRED EXCEPT WHEN HEATED/MIS
TED.IF NEEDED,USE MSHA/NIOSH APPROVED UNITS AS PER
CURRENT 29 CFR1910.134 AND MANUFACTURERS INSTRUCTIONS AND WARNINGS.

Ventilation:LOCAL EXHAUST FOR USE IN ENCLOSED/CONFINED SPACES.PROVIDE SUFFICIENT GEN/LOCAL VENT IN PATTERN/VOLUME TO CONTROL INHALE.

Protective Gloves:INDUSTRIAL RESISTANT, FLEXIBLE-TYPE.

Eye Protection:SAFETY GLASSES W/SIDESHIELDS,GOGGLES

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

Supplemental Safety and Health

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

HCC:F2

Vapor Density:> 1

Spec Gravity:7.5-8.0 LB/GAL

Evaporation Rate & Reference:> 1 (N-BUTYL ACETATE=1)

Solubility in Water:INSOLUBLE

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

Percent Volatiles by Volume:50-70

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

STRONG OXIDERS, ALKALIES, ACIDS.

Stability Condition to Avoid:HIGH TEMPERATURES, OPEN FLAME.

Hazardous Decomposition Product

s:CARBON MONOXIDE, FUMES OF CHROMATE AND
LEAD OXIDE.

===== 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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