

KOP-COAT INC -- MIL-P-23377E TYPE I, CLASS I (COMP A) -- 8010-00-082-2450

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Product Identification
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Product ID:MIL-P-23377E TYPE I, CLASS I (COMP A)

MSDS Date:09/01/1988

FSC:8010

NIIN:00-082-2450

Kit Part:Y

MSDS Number: BJDHV

=== 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, 412-227-2

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Emergency Phone Num:800-553-5631, CHEMTREC 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:STRONTIUM CHROMATE (SARA III)

CAS:7789-06-2

RTECS #:GB3240000

Fraction by Wt: 20-25%

OSHA PEL:0.1 PPM CRO3;CEILING

ACGIH TLV:0.0005M

G CR/M3;A2;93
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)
CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 5-10%
OSHA PEL:200 PPM/300 STEL
ACGIH TLV:200 PPM/300STEL 9192
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TALC (CONTAINING NO ASBESTOS)
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 5-10%
OSHA PEL:2 MG/M3 RDUST
ACGIH TLV:2 MG/M3 RDUST; 9192

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 1-5
%
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, AMORPHOUS, DIATOMACEOUS EARTH, CONTAINING LESS THAN
1% CRYSTALLINE SILICA
CAS:61790-53-2
RTECS #:HL8600000
Fraction by Wt: 1-5%
OSHA PEL:20 MPPCF
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, CRYSTALLINE - QUARTZ
CAS:14808-60-7
RTECS #:VV7330000
Fraction by Wt: .1-.5%
OSHA PEL:SEE TABLE Z3
ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 1-5%
OSHA

PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BISPHENOL A DIGLYCIDYL ETHER
CAS:1675-54-3
RTECS #:TX3800000
Fraction by Wt: 20-25%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES
Health Hazards Acute and Chronic:EYE: IRRIT TEARS, POSSIBLE CORNEAL
DAMAGE. SKIN: DERMAT, SENSITIZATION, DEFATTED ABSORBED MAY RESULT IN

SYSTEMIC EFFECTS. INHAL: SEVERE MUCOUS MEMBRANE IRRIT, KIDNEY OR
LIVER DAMAGE, RSPTR IRRIT, CENTRAL NER SYS DEPRESS, LUNG CHANGES.
IN-GEST: GASTRO DISTURBANCES, ASPIRATION INTO LUNGS-CHEM
PNEUMONITIS, CAN BE FATAL.

Explanation of Carcinogenicity:IARC-SUFFICIENT EVIDENCE OF RESPIRATORY
CARCINOGENICITY. NTP-EVIDENCE OF LUNG CANCER WITH WORKER IN
CHROMATE INDUSTRY

Effects of Overexposure:EYES: MAY CAUSE IRRIT, TEARING. SKIN: RED
CRACK, BLISTER, IRRIT, DERMATITIS, SYSEFF

EFFECTS. INHAL: MUCOUS MEM
IRRIT RSPTR TRACT IRRIT HEADACHE, WEAK, DIZZ, INCOORDINATION,
POSSIBLE COLLAPSE. INGEST: GASTRO IRRIT ABDOMINAL PAIN, NAUSEA,
VOMIT, DIARRHEA & EFFECTS SIMILAR TO INHALE. ASPIR INTO LUNG-CHEM
PNEUMON, CAN BE FATAL

Medical Cond Aggravated by Exposure:PRE-EXISTING DISEASE IN OR A
HISTORY OF AILMENTS INVOLVING SKIN, RESPIRATORY TRACT, KIDNEY,
LIVER, EYES ARE AT A GREATER THAN NORMAL RISK OF DEVELOPING
ADVERSE EFFECTS WHEN EXPOSED TO THIS MATERI

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

First Aid:EYES: IMMEDIATELY FLUSH W/LG AMTS OF WTR 15 MIN. SKIN: WASH THOROUGHLY
W/ SOAP AND WTR IF RED ITCH BURN, DEV/PERSIST, SEEK MED AID. WASH
CONTAM CLOTHES, BEFORE REUSING. INHAL: REMOVE FROM EXPOSURE. IF
BREATHING STOPPED/DIFFICULT ADMIN CPR OR OXYGEN. SEEK MED AID.
INGEST: DON'T INDUCE VOMIT. GIVE 1 GLASS MILK OR 1-2 OZ (30 TO
60G) ACTIVATED CHARCOAL IN WTR AS TOLERATED. SEEK MED AID. NOT BY
MOUTH IF

UNCONCIOUS

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

Flash Point:23F/-5C

Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS AS PER MANUFACTURER'S RECOMMENDATIONS.

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

Unusual Fire/Explosion Hazard:VAPOR FORMS FLAMM/EXPLO MIX I N AIR. VAPOR

HEAVY, TRAVEL BY GROUND TO IGNITION SOURCE-FLASH. CLOSED EXPLODE FROM EXTREME HEAT. EMIT IRRIT TOXIC GAS/FUMES/TEMPS

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK INVOLVED. AVOID BREATH VAPORS. ELIM ALL SOURCES OF IGNITE. VENTILATE AREA AVOID CONTACT W/HOT LIQ/FUMES. TAKE UP CAREFULLY AVOID HEAT/SPARKS. USE INERT ABSORBENT TO COMPLETE CLEAN-UP. MATERIAL REACTS WITH OXIDIZING MATERIAL

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

Handling and Storage Precautions:STORE IN AREAS/BLDGS DESIGNED TO COMPLY WITH OSHA 1910.106. KEEP IN A CLOSED, LABELED CONTAINERS WITHIN A COOL (WELL SHADED), DRY VENTILATED AREA.

Other Precautions:NOT FOR USE/STORAGE IN/AROUND HOME. GROUND/BOND DRUMS. DON'T USE PRESS TO EMPTY DRUMS. DON'T WEAR CONTAM CLOTHES. DISCARD CONTAM FOOTWEAR. KEEP AWAY FROM HEAT AND OPEN FLAMES.

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

Respiratory Protection:VENT DOES NOT MAINTAIN INHALE EXPOS BELOW PEL(TLV), USE MSHA/NIOSH APPROVED UNITS PER CURRENT 29CFR1910.134, INSTRCT/WARN & NIOSH-RSPTR DEC LOGIC-PUB. #87.108.AS PER CURRENT 29CFR1910.1025. WITHIN OS HA PROT FACT, AIR PURIFY OV/FILTER UNITS

Ventilation:SUFFICIENT GEN/LOCAL EXHAUST VENT IN VOL/PATTERN TO CONTROL INHALE EXPOS BELOW LIMIT/AREA BELOW FLAMM VAPOR CONCENTRATE

Protective Gloves:INDUSTRIAL RESISTANT FLEX

TYPE, NEOPRENE

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

Other Protective Equipment:WEAR INDUST-TYPE WORK CLOTHES/SAFETY FOOTWEAR.DEPEND ON WORKCONDITION.HEAD, NECK COVER, APRON, JACKET, PAINTS, COVERALLS

Work Hygienic Practices:OBSERVE GOOD HYGIENE & SAFETY PRACTICES WHEN HANDLING. DON'TUSE PRODUCT UNTIL MSDS HAS BEEN READ & UNDERSTOOD. HAZARDOUS

Supplemental Safety and Health

NOTICE TO PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE FOR EFFECTS FROM OVEREXPOSURETO THI

S MATERIAL. TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS & THE CLINICAL CONDITIONS. FLAMMABLE LIQUID AND VAPORS. WASH EXPOSED AREAS PROMPTLY &THOROUGHLY AFTER SKIN CONTACT, BEFORE EATING, DRINKING, USING TOBACCO, REST ROOM

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

HCC:F2

Vapor Density:>1 (AIR=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR

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

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Stability Indicator/Materials to Avoid:NO

AVOID ACIDS, REDUCING AGENTS, OXIDIZING AGENTS, HEAT, SPARKSAND OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE UPON THERMAL DECOMPOSITION, OXIDES OF LEAD AND CHROMIUM

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

Waste Disposal Methods:USE EPA DEFINED IGNITABLE HAZARDOUS WASTE.

DISPOSEOF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS.

PROTECT FROM PHYSICAL DAMAGE.

KEEP CONTAINERS CLOSED WHEN MATERIAL IS NOT IN USE. MAINTAIN GOOD HOUSEKEEPING

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