

MIL-P-23377E TYPE I, CLASS I (COMP A & B)

MSDS Number

BJDHT

National Stock Number

8010-00-082-2450

Product Name

MIL-P-23377E TYPE I, CLASS I (COMP A & B)

Manufacturer

KOP COAT INC

Product Identification

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

MSDS Date:12/01/1988

FSC:8010

NIIN:00-082-2450

Kit Part:Y

MSDS Number: BJDHT

Responsible Party

KOP-COAT INC

436 7TH AVENUE

PITTSBURGH , PA 15219-1818

US

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

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

Preparer: C. A. HOPE

Cage: 00297

Contractor

KOP-COAT INC

PITTSBURGH, PA 15219-1818

US

800-553-5631, CHEMTREC 800-424-9300

Cage: 00297

Ingredients

STRONTIUM CHROMATE (SARA III)

CAS: 7789-06-2

RTECS: GB3240000

Fraction By Weight: 10-15%

OSHA PEL0.1 PPM CRO3;CEILING

ACGIH TLV: 0.0005MG CR/M3;A2;93

EPA Report Quantity: 10 LBS

DOT Report Quantity: 10 LBS

METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS: 78-93-3

RTECS: EL6475000

Fraction By Weight: 1-5%

OSHA PEL200 PPM/300 STEL

ACGIH TLV: 200 PPM/300STEL 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TALC (CONTAINING NO ASBESTOS)

CAS: 14807-96-6

RTECS: WW2710000

Fraction By Weight: 1-5%

OSHA PEL2 MG/M3 RDUST

ACGIH TLV: 2 MG/M3 RDUST; 9192

TITANIUM DIOXIDE

CAS: 13463-67-7

RTECS: XR2275000

Fraction By Weight: 1-5%

OSHA PEL15 MG/M3 TDUST

ACGIH TLV: 10 MG/M3 TDUST; 9293

SILICA, AMORPHOUS, DIATOMACEOUS EARTH, CONTAINING LESS THAN

CAS: 61790-53-2

RTECS: HL8600000

Fraction By Weight: 1-5%

OSHA PEL20 MPPCF

ACGIH TLV: 10 MG/M3 TDUST; 9293

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

Fraction By Weight: .1-.5%

OSHA PELSEE TABLE Z3

ACGIH TLV: 0.1 MG/M3 RDUST;9293

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 10-15%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

BISPHENOL A DIGLYCIDYL ETHER

CAS: 1675-54-3

RTECS: TX3800000

Fraction By Weight: 10-15%

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 25-30%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

N-PROPYL ALCOHOL

CAS: 71-23-8

RTECS: UH8225000

Fraction By Weight: 1-5%

OSHA PEL200 PPM/250 STEL

ACGIH TLV: S,200PPM/250STEL9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:EYE:IRRIT TEARS, POSSIBLE CORNEAL
DAMAGE. SKIN:DERMATITIS, SENSITIZATION, DEFATTABSORBED MAY RESULT
IN SYSTEMIC EFFECTS. INHALE: SEVERE MUCOUS MEMBRANE IRRIT, KIDNEY
&/OR LIVER DAMAGE, RSPTR IRRIT CE NTRAL NERV 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: IRRIT, TEARING. SKIN:RED, CRACK, BLISTER,
IRRIT & DERMATITIS, SYS EFFECTS.INHALE: 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 DEVELOP-ING
ADVERSE EFFECTS WHEN EXPOSED TO THIS MATERIAL.

First Aid

First Aid:EYES:IMMED FLUSH W/LG AMTS OF WTR 15 MIN. SEEK MED AID.
SKIN:WASH THORO W/SOAP &WTR. IF RED,ITCH,BURN, DEV/PERSIST, SEEK
MED AID. WASH CONTAM CLOTHES, BEFORE REUSE. INHALE: REMOVE FROM
EXPOSURE. IF BR EATH STOPPED/DIFF ADMIN CPR OR OXYGEN.SEEK MED AID.
INGEST:DO NOT 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

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 CONTAINER/STRUCTURE/PROTECT PERSONNEL.

Unusual Fire/Explosion Hazard:VAPOR FORM FLAMM/EXPLO MIX IN AIR.VAPOR HEAVY,TRAVEL BY GROUND TO IGNITION SOURCE-FLASH. CLOSED CONTAINERS MAY EXPLODE FROM HEAT. CAN EMIT TOXIC GAS/FUMES

Accidental Release

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 MATERIALS

Handling

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURE BELOW PEL(TLV), USE MSHA/NIOSH APPROVED UNIT 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.

Supplemental Safety and Health

NOTICE TO PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE FOR EFFECTS FROM OVEREXPOSURE TO THIS 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, RESTROOM.

Chemical Properties

HCC:F2

Vapor Density:>1 (AIR=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR

Stability

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

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

Disposal

Waste Disposal Methods:EPA IGNITABLE HAZARDOUS WASTE. DISPOSE OF 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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