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

MSDS Number

BJDKH

National Stock Number

8010-00-935-7080

Product Name

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

Manufacturer

KOP COAT INC

Product Identification

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

MSDS Date:09/01/1988

FSC:8010

NIIN:00-935-7080

Kit Part:Y

MSDS Number: BJDKH

Responsible Party

KOP COAT, INC.

436 SEVENTH AVE SUITE 1850

PITTSBURGH, , PA 15219-1818

US

Emergency Phone: 1-800-548-0489

Info Phone: 1-800-547-2468

Preparer: C. A. HOPE

Cage: KO235

Contractor

KOP-COAT INC

PITTSBURGH, PA 15219-1818

US

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

Cage: 00297

Ingredients

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 15-20%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

ISOPROPYL ALCOHOL (SARA III)

CAS: 67-63-0

RTECS: NT8050000

Fraction By Weight: 55-60%

OSHA PEL400 PPM/500 STEL

ACGIH TLV: 400 PPM/500STEL;9192

N-PROPYL ALCOHOL

CAS: 71-23-8

RTECS: UH8225000

Fraction By Weight: 5-10%

OSHA PEL200 PPM/250 STEL

ACGIH TLV: S,200PPM/250STEL9192

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INDIVIDUALS WITH PRE-EXISTING DISEASE
IN OR A HISTORY OF AILMENTS INVOLVING THE SKIN, EYE, RESPIRATORY
TRACT, LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM ARE AT A GREATER
THAN NORMAL RISK OF DEVELOPING A DVERSE EFFECTS WHEN EXPOSED.
Explanation of Carcinogenicity:NO KNOWN IGREDIENTS OCCUR AT GREATER
THAN 0.1 PERCENT ARE LISTED AS A CARCINOGEN IN THE IARC
MONOGRAPHS, NTP ANL RPT,
Effects of Overexposure:EYE: MAY CAUSE IRRIT SKIN: MAY CAUSE DEFATTING
OF SKIN, REDNESS, CRACKING, BLISTERING, IRRIT AND DERMATITIS.
INHAL: HIGH CONCEN. OF VPRS MAY CAUSE RESPIR TRACT IRRIT CENTRL
NERV. SYS. DEPRESSION, HEAD ACHE, WEAKNESS, DIZZINESS,
INCOORDINATION AND POSSIBLE COLLAPSE. INGESTION: GASTRO. NAUSEA,
VOMITING, DIARRHEA.
Medical Cond Aggravated by Exposure:INDIVIDUALS WITH PRE-EXISTING
DISEASE IN OR A HIS-TORY OF AILMENTS INVOLVING THE SKIN, EYE,
RESPIR TRACT, LIVER, KIDNEY, CENTRAL NERV SYS MAY HAVE ADVERSE
EFFECTS WHEN EXPOSED TO THIS MATERIAL.

First Aid

First Aid:EYE: IMMED FLUSH W/LG AMTS OF WATER, 15 MIN. SEEK MED AID.
SKIN: WASH THOROUGHLYW/SOAP & WATER. IF SYMPTOMS PERSIST, SEEK MED
AID. INHALA: REMOVE FROM EXPOSURE.IF BREATHNG IS DIFFICULT OR
STOPPED ADMI NISTER CPR OR OXYGEN AS NEEDED. SEEKMED AID. INGEST:
DO NOT INDUCE VOMITING. GIVE 1 GLASS OF MILK OR 1-2 OZ (30-60G)OF
ACTIVATED CHARCOAL IN WATER (NOT BY MOUTH IF UNCONSCIOUS) SEEK
MEDICAL AID.

Fire Fighting

Flash Point:40F/4C
Extinguishing Media:USE CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL OR
UNIVERSAL TYPE FOAMS, WATER SPRAY; WATER SPRAY MAY BE INEFFECTIVE.
Fire Fighting Procedures:WEAR COMPLETE FIRE SERVICE PROTECTIVE
EQUIPMENT, FULL FACE-MSHA/NIOSH APPROVED SELF CONTAINED BREATHING
APPARATUS, USE WATER TO COOL EXPOSED CONTAINERS.
Unusual Fire/Explosion Hazard:HEAT FIRE VPRS FORM FLAMMABLE EXPLOSIVE
MIXTURES. VPRS TRAVEL AT/BELOW GROUND LEVEL, TO IGNITION
SOURCE-FLASH. OPEN/CLOSED CONTAINERS MAY CONT. EXP. VPRS.

Accidental Release

Spill Release Procedures:STOP LEAK IF NOT RISK INVOLVED. STAY UPWIND.
USE SAND OR OTHER NON-COMBUSTIBLE ABSORBENT MATERIAL. FLUSH AREA
WITH WATER. DIKE LARGE SPILLS FOR LATERDISPOSAL. CONTAIN RUNOFF
FROM FIRE CONTROL AND DILUTION WATER. CALL NTL RESP CNTR
1-800-424-8802.

Handling

Handling and Storage Precautions: AVOID PROLONG/REPEATED CONTACT W/SKIN & EYES FROM VAPOR/MIST/FUMES. HANDLE IN ACCORDANCE W/OSHA 29CFR 1910.106.107. STORE IN A COOL/DRY/VENTILATED AREA. Other Precautions: GROUND/BOND DRUMS. DO NOT USE PRESSURE TO EMPTY DRUMS. DO NOT WEAR CONTAMINATED CLOTHING. ALSO DISCARD CONTAMINATED FOOTWEAR. KEEP AWAY FROM HEAT AND FLAME.

Exposure Controls

Respiratory Protection: IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURE BELOW PEL (TLV), USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29CFR 1910.134 OR IF WITHIN OSHA PROTECTION FACTOR USE AIR PURIFYING OV/FILTER UNITS.

Ventilation: GENERAL/LOCAL EXHAUST VENT IN PATTERN/VOLUME TO CONTROL EXPOSURE LIMITS. LOCAL EXHAUST IS NEEDED FOR CONFINED AREAS.

Protective Gloves: FLEXIBLE HEAVY DUTY NEOPRENE GLOVES

Eye Protection: SAFETY/CHEMICAL GOGGLES, FACE SHIELD

Other Protective Equipment: WEAR INDUSTRIAL TYPE WORK CLOTHING & SAFETY FOOTWEAR. DEPENDENT ON WORK CONDITIONS, WEAR PROTECTIVE GARMENTS.

Work Hygienic Practices: WASH EXPOSED AREAS PROMPTLY AND THOROUGHLY AFTER CONTACT BEFORE EATING, DRINKING, SMOKING OR RESTROOMS.

Supplemental Safety and Health

NOTE TO PHYSICIAN: THERE IS NO SPECIFIC ANTIDOTE FOR EFFECTS FROM OVEREXPOSURE. TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION. THIS IS A FLAMMABLE LIQUID. DO NOT WEAR CONTACT LENS WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

Chemical Properties

HCC: F3

Vapor Density: (AIR=1) >1

Evaporation Rate & Reference: (ETHER=1)

Solubility in Water: NEGLIGIBLE

Appearance and Odor: LIQUID WITH A TYPICAL SOLVENT ODOR

Stability

Stability Indicator/Materials to Avoid: YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES

Stability Condition to Avoid: AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES

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

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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