

KOP-COAT INC -- MIL-P-24441/7C COMP B (156 RED) -- 8010-01-302-3607

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

Product ID:MIL-P-24441/7C COMP B (156 RED)

MSDS Date:03/01/1990

FSC:8010

NIIN:01-302-3607

Kit Part:Y

MSDS Number: BJKVV

=== 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:C.A. HOPE, OHPSD

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:AROMATIC PETROLEUM DISTILLATES (OSHA TWA 400 PPM/1600
MG/M3)

CAS:8002-05-9

RTECS #:SE7449000

Fraction by Wt: 20-25%

Ingred Name:BISPHE

NOL A DIGLYCIDYL ETHER RESIN

CAS:1675-54-3

RTECS #:TX3800000

Fraction by Wt: 50-55%

Ingred Name:AMORPHOUS SILICON DIOXIDE (OSHA-TWA 6 MG/M3)

CAS:61790-53-2

Fraction by Wt: 15-20%

OSHA PEL:20 MPPCF

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TALC (CONTAINING NO ASBESTOS)

CAS:14807-96-6

RTECS #:WW2710000

Fraction by Wt: 1-5%

OSHA PEL:2 MG/M3 RDUST

ACGIH TLV:2 MG/M3 RDUST; 9192

Ingred Name:VOC 2.4 LBS/GAL

RTECS #:9999999VO

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

Rou

tes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN:PROLONG/REPEATED CONTACT MAY CAUSE DEFATT. SENSITIZATION REACTION IN CERTAIN PERSONS.

INHALED:HIGH CONCENTRATE MAY CAUSE RSPRTRY TRACT IRRIT & CENTRAL NERVOUS SYST DEPRESS, MAY LEAD TO LUNG CHANG ES. INGESTION: MAY CAUSE GASTROINTESTINAL DISTURBANCES. ASPIRATION INTO LUNGS MAY CAUSE CHEM PNEUMON WHICH CAN BE FATAL.

Explanation of Car

cinogenicity:NO KNOWN INGREDIENTS WHICH OCCUR AT GREATER THAN 0.1% ARE LISTED AS A CARCINOGEN.

Effects of Overexposure:EYES: DIRECT CONTACT MAY IRRIT. SKIN: MAY CAUSE REDNESS, CRACKING, BLISTERING, IRRIT & DERMATITIS. INHALED:RSPRTRY TRACT IRRIT, HEADACHE, WEAKNESS, DIZZ, INCOORD, POSSIBLE COLLAPSE. INGESTION:MAY CAUS E GASTROINTESTINAL DISTURBANCES SUCH ASNAUSEA, VOMITING, DIARRHEA & EFFECTS SIMILAR TO THOSE DESCRIBED UNDER INHALED.

Medical Cond Aggravated by Exposure:PE

PERSONS WITH PRE-EXISTING DISEASE
IN OR HISTORY OF AILMENTS INVOLVING SKIN, EYE, RESPIRATORY TRACT,
LIVER, KIDNEY, CENTRAL NERVOUS SYSTEM ARE AT GREATER THAN NORMAL
RISK OF DEVELOPING ADVERSE EFFECTS.

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

First Aid:EYES:FLUSH W/LG AMTS OF H2O 15 MINS. SEEK MED AID. SKIN:WASH
WELL W/SOAP & H2O, IF SYMPT DEVELOP/PERSIST, SEEK MED.
INHALED:REMOVE FROM EXPOSURE. IF BREATH STOPPED OR DIFF, ADMIN CPR
OR OXYGEN AS
NEED ED, SEEK MED AID. INGEST:DO NOT VOMIT. GIVE 1
GLASS OF MILK OR 1 TO 2 OZ(30 TO 60G)ACTIVATED CHARCOAL IN H2O TO
VICTIM AS TOLERATED. SEEK MED AID.(DO NOT ATTEMPT TO GIVE ANYTHING
BY MOUTH IF UNCONSC)

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

Flash Point Method:CC
Flash Point:99 F/38 C
Extinguishing Media:WATER MAY BE INEFFECTIVE. USE CO2, DRY CHEM, FOAM,
WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS PER MFR
RECOMMENDATIONS.
Fire Fighting Proce
dures:WEAR COMPLETE FIRE SERVICE PROTECTIVE
EQUIPMENT, FULL-FACE MSHA/NIOSH APPROVED SCBA. USE WATER TO COOL
FIRE-EXPOSED CONTAINERS/STRUCTURES/PROTECT PERSONNEL.
Unusual Fire/Explosion Hazard:VAPORS FORM FLAMM/EXPLOS MIX.VAPOR
HEAVY,MAY TRAVEL TO IGNITE SOURCES.CLOSED CONTAIN MAY EXPLODE WHEN
EXPOSED TO EXTREME HEAT(FIRE)MAY EMIT IRRIT/TOXIC GAS/FUME

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK. AVOID B
REATHING
VAPORS. ELIM IGNITE SOURCES. VENT AREA. AVOID CONTACT W/HOT
LIQ/FUMES. TAKE UP CAREFULLY TO AVOID HEAT/SPARKS. USE INERT ABSORB
TO COMPLETE CLEAN-UP. MATERI AL REACTS W/OXIDIZERS, IF RELEASED
INTOENVIR **
Neutralizing Agent:N/K.**REPORT TO NRC 1-800-424-8802. SPILL/LEAK
REPORTABLE AMT IS 100 LBS OR MORE

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

Handling and Storage Precautions:STORE AREAS/BLDG DESIGNED TO COMPLY
W/OSHA 1910.106. KEEP I

N CLOSED, LABELED CONTAIN W/IN A COOL, WELL
SHADED, DRY-VENTED AREA. PROTECT FROM PHYSICAL ***

Other Precautions: ***DAMAGE. KEEP CONTAIN CLOSED WHEN NOT IN USE.
GROUND/BOND DRUMS. DO NOT USE PRESSURE TO EMPTY DRUMS. DO NOT WEAR
CONTAM CLOTHES. DISCARD CONTAM FOOTWEAR. KEEP AWAY FROM HEAT & OPEN
FLAME. DO NOT USE WITHOUT FULLY UNDERSTANDING. SEE FILE.

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

Respiratory Protection: IF VENT DOESN'T MAINTAIN EXPOSURE BELOW
PEL(TLV) USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29CFR1910.134,
INSTRUCTIONS/WARNINGS & NIOSH-RSPRTR DECISION LOGIC-PUB.#87.108. IF
WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS OK.

Ventilation: GEN/LOCAL EXHAUST VENT IN PATTERN/VOLUME TO CONTROL INHALE
EXPOSURE BELOW LIMITS & AREAS BELOW FLAMM VAPOR CONCENTRATE

Protective Gloves: INDUST RESIST FLEX-TY (NEOPRENE OR EQUAL)

Eye Protection: INDUST SAFETY GLASSES, MIN. CHEMICAL ****

Other Protective Equipment: ****GOGGL

ES W/SIDE OR FACE SHIELDS. WEAR

INDUST-TY WORK CLOTHES & SAFETY FOOTWEAR. DEPENDS ON WORK
CONDITION. SEE FILE.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES &
RECOMMENDED PROCEDURES. MAINTAIN GOOD HOUSEKEEPING. OBSERVE ALL
PRECAUTIONS.

Supplemental Safety and Health

NOTE 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. (SEE FILE F

OR ADDITI

ONAL INFORMATION)

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

HCC:F3

Vapor Density: >1

Spec Gravity: 9.5-10 LBS/GAL

Viscosity: 66-82 KU

Solubility in Water: NEGLIGIBLE

Appearance and Odor: LIQUID WITH A TYPICAL SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid: YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE UPON

THERMAL DECOMPOSITION.

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

Waste Disposal Methods:THIS PRODUCT IS 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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