

KOP-COAT, INC. -- MIL-P-23377F, TY1 CL1 COMP B -- 8010-00-142-9279

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

Product ID:MIL-P-23377F, TY1 CL1 COMP B

MSDS Date:08/01/1990

FSC:8010

NIIN:00-142-9279

Kit Part:Y

MSDS Number: BJQMD

=== Responsible Party ===

Company Name:KOP-COAT, INC.

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:800-547-2468/800-424-9300

Emergency Phone Num:800-548-0489/412-227-2700

Preparer's Name:C.A. HOPE

CAGE:

HO783

=== 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

Company Name:KOP-COAT, INC.

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Phone:800-547-2468

CAGE:HO783

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

Ingred Name:N-PROPYL ALCOHOL

CAS:71-23-8

RTECS #:UH8225000

Fraction by Wt: 5-10%

OSHA PEL:200 PPM/250 STE

L
ACGIH TLV:S,200PPM/250STEL9192

Ingred Name:ISOPROPYL ALCOHOL (SARA III)
CAS:67-63-0
RTECS #:NT8050000
Fraction by Wt: 55-60%
Other REC Limits:400 10 HR. TWA *
OSHA PEL:400 PPM/500 STEL
ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 15-20%
Other REC Limits:100 10 HR. TWA *
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:POLYAMIDE RESIN
Fraction by Wt: 15-20%

Ingred Name:VOC
: 630 G/L (ADMIXED)
RTECS #:9999999VO

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRITATION. SKIN: PROLONGED &/OR
REPEATED CONTACT CAUSES DEFATTING. ABSORPTION: SYSTEMIC EFFECTS.
INHALE: HIGH CONCENTRATIONS CAUSES RESPIRATORY TRACT IRRITATION AND
CENTRAL NERVOUS SYSTEM DEPRES SION. INGESTION: GASTROINTESTINAL

DISTURBANCE. LUNG ASPIRATION: CHEMICAL PNEUMONITIS, CAN BE FATAL.
Effects of Overexposure:SKIN: REDNESS, CRACKING, BLISTERING,
IRRITATION, DERMATITIS. INHALATION: WEAKNESS, HEADACHE, DIZZINESS,
INCOORDINATION, POSSIBLE COLLAPSE. INGESTION: NAUSEA, VOMITING,
DIARRHEA.

Medical Cond Aggravated by Exposure:INDIVIDUALS W/PRE-EXISTING DISEASE
IN OR A HISTORY OF AILMENTS INVOLVING THE SKIN,RESPIRATORY
TRACT,KIDNEY,LIVER,EYE ARE AT GREATER RISK OF DEVELOPING ADVERSE
EFFECTS WH

EN EXPOSED TO THIS MATERIAL.

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

First Aid:EYE: IMMEDIATELY FLUSH W/LG AMT WATER-15 MINUTES. SKIN: WASH THOROUGHLY W/SOAP & WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. INHALATION: REMOVE FROM EXPOS. IF BREATH STOPS/DIFFICULT, GIVE CPR OR OXYGEN AS NEEDED.INGESTION: DON'T INDUCEVOMIT. GIVE 1 GLASS MILK OR 1-2 OZ.ACTIVATED CHARCOAL IN WATER AS TOLERATED. DON'T GIVE ANYTHING BY MOUTH TO UNCONSCIOUS PERSON. SEEK MEDICAL ATTN AS NEEDED.

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

Flash Point Method:TCC
Flash Point:40.0F,4.4C
Extinguishing Media:USE CARBON DIOXIDE,DRY CHEMICAL,FOAM,WATER SPRAY,ALCOHOL,UNIVERSAL FOAMS PER MANUFACT RECOMMENDATION.WATER/INEFFECTIVE.
Fire Fighting Procedures:WEAR COMPLETE FIRE SERVICE PROTECTIVE CLOTHING, INCLUDING FULL-FACE MSHA/NIOSH APPROVED SCBA. WATER TO COOL FIRE-EXPOSED CONTAINER/STRUCTURE/PROTECT PERSONNEL.
Unusual Fire/Explosion Hazard:VAPOR FORM FLAMM/EXPLOS MIX IN AIR.VAPOR HEAVY/TRAVEL TO IGNITE SOURCE-FLASH.CNTNRS MAY HOLD FLAMM VAPOR.CLSD CNTNR MAY EXPLODE W/HEAT. EMITS IRRIT/TOXIC FUMES.

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK INVOLVED. AVOID BREATHING VAPOR. ELIMINATE ALL SOURCES OF IGNITE. VENT AREA. AVOID CONTACT W/HOT LIQUID/FUMES. TAKE UP CAREFULLY TO AVOID HEAT/SPARKS. USE INERT ABSORB TO COLLECT. CLEANUP. REACTS W/OXIDIZE MATERIAL.

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

Handling and Storage Precautions:AVOID PROLONGED/REPEATED BREATHING OF VAPOR/MIST/FUMES,CONTACT W/SKIN AND EYES. STORE: COOL, DRY, VENTED AREA. KEEP CONTAINERS LABELED AND CLOSED.
Other Precautions:GROUND & BOND DRUMS. DO NOT USE PRESSURE TO EMPTY DRUMS. DO NOT WEAR CONTAMINATED CLOTHING. DISCARD CONTAMINATED FOOTWEAR. KEEP AWAY FROM HEAT AND OPEN FLAME. DO NOT WEAR CONTAMINATED CLOTHING.

CT

LENS WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

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

Respiratory Protection:USE MSHA/NIOSH APPR'D UNIT AS PER CURRENT 29CFR 1910.134, INSTRUCTIONS/WARNINGS & NIOSH-RESPIRATOR DECISION LOGIC-PUB#87.108. USE MSHA/NIOSH APPR'D UNIT AS PER 29 CFR 1910.1025. IF WITHIN OSHA PROTECT FACTOR AIR PURIFYING OV/FILTER UNIT OK.

Ventilation:SUFFICIENT VENT TO KEEP EXPOSURES BELOW CURRENT EXPOS LIM AND ARE

AS BELOW FLAMM VAPOR CONC. USE LOC EXHAUST IF CONFINED.

Protective Gloves:HEAVY DUTY NEOPRENE OR EQUIVALENT.

Eye Protection:SAFETY GLASSES, MINIMUM

Other Protective Equipment:WEAR INDUSTRIAL TYPE WORK CLOTHING & SAFETY FOOTWEAR.MAY NEED HEAD/NECK COVER, APRONS,JACKETS,PANTS,COVERALLS,BOOTS,ETC

Work Hygienic Practices:MAINTAIN GOOD HOUSEKEEPING. WASH EXPOSED AREAS PROMPTLY/THOROUGHLY BEFORE EATING, DRINKING, USING TOBACCO PRDCT,RESTROOM

Supplemental Safety and Health

EMPTY CONTAIN

ERS MAY RETAIN RESIDUE INCLUDING FLAMMABLE OR EXPLOSIVE

VAPORS. DON'T CUT, DRILL, GRIND, WELD ON OR NEAR CONTAINERS.

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

Vapor Density:>1

Spec Gravity:6.9 LBS/GAL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES.

Hazar

dous Decomposition Products:CARBON MONOXIDE, CARBON DIOXIDE UPON THERMAL DECOMPOSITION.

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

Waste Disposal Methods:US EPA DEFINED IGNITABLE HAZARDOUS WASTE.

DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE W/LOCAL, STATE & FEDERAL REGULATIONS. IF SPILLED/RELEASED TO ENVIRONMENT, (100 LBS./MORE) MUST BE REP ORTED TO NATIONAL RESPONSE CENTER (800-424-8802).

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