

KOP-COAT INC. -- MIL-P-24441/3C LOW VOC COMP A & B/152 WHITE -- 8010-01-302-3606

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Product Identification  
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Product ID:MIL-P-24441/3C LOW VOC COMP A & B/152 WHITE

MSDS Date:02/01/1990

FSC:8010

NIIN:01-302-3606

Kit Part:Y

MSDS Number: BJNDX

=== Responsible Party ===

Company Name:KOP-COAT INC.

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

Info Phone Num:800-547-2

468

Emergency Phone Num:800-548-0489 OR 800-424-9600

Preparer's Name:C.A. HOPE

CAGE:KO915

=== 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 OR 800-424-9300 CHEMT

CAGE:KO915

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Composition/Information on Ingredients  
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Ingred Name:N-BUTYL ALCOHOL (SARA III)  
CAS:71-36-3  
RTECS #:EO1400000  
Fraction by Wt: 25-30%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 25-30%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:TALC (CONTAINING NO ASBESTOS)  
CAS:14807-96-6  
RTECS #:WW2710000  
Fraction by Wt: 10-15%  
Other REC Limits  
:NONE SPECIFIED  
OSHA PEL:2 MG/M3 RDUST  
ACGIH TLV:2 MG/M3 RDUST; 9192

Ingred Name:EPOXY-POLYAMIDE RESIN  
Fraction by Wt: 1-5%  
Other REC Limits:NONE SPECIFIED

Ingred Name:PETROLEUM DISTILLATES  
CAS:8002-05-9  
RTECS #:SE7449000  
Fraction by Wt: 10-15%  
Other REC Limits:NONE SPECIFIED  
ACGIH TLV:400 PPM/1600 MG/M3

Ingred Name:BISPHENOL A DIGLYCIDYL ETHER  
CAS:1675-54-3  
RTECS #:TX3800000  
Fraction by Wt: 25-30%  
Other REC Limits:NONE SPECIFIED

Ingred Name:VOC. 2.8 LBS/GAL MAX  
RTECS #:9999999VO  
Other REC L

imits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:SKIN:PROLONG/REPEATED CONTACT MAY CAUSE DEFATTING. MAY BE ABSORBED THROUGH SKIN RESULTING IN SYSTEMIC EFFECTS. SENSITIZ REACTIONS MAY OCCUR. INHALED:HIGH CONCENTRATIONS/VAPORS MAY CAUSE RSPRTRY TRACT IRRIT & CENTRAL NERVOUS SYSTEM DEPRESS.ASPIRATION OF PRODUCT INTO LUNGS MAY CAUSE CHEM PNEUMONITI

S WHICH CAN BE FATAL.

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

Effects of Overexposure:EYES:DIRECT CONTACT MAY CAUSE IRRIT.

SKIN:REDNESS,CRACKING,BLISTERING,IRRIT & DERMATITIS.

INHALATION:HEADACHE,WEAKNESS,DIZZINESS,INCOORDINATION & POSSIBLE COLLAPSE. PROLONG/REPEATED INHALE OF HIGH CON CENTRATE MAY LEAD TO LUNG CHANGES. INGESTION:GASTRO DISTRUBANCES, NAUSEA, VOMITING, DIARRHEA & SIMILAR TO INHALATION

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING DISEASE IN OR A HISTORY OF AILMENTS INVOLVING SKIN, EYES, RESPIRATORY TRACT, LIVER, KIDNEY & CENTRAL NERVOUS SYSTEM ARE AT GREATER THAN NORMAL RISK WHEN EXPOSED TO MATERIAL.

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

First Aid:EYE:IMMED FLUSH W/LG AMTS OF WATER 15 MINS. SKIN:WASH THORO W/SOAP & WATER. IF RED,ITCH,BURNING,OTHER SYMPTOMS DEVELOP/PERSIST, SEEK MED. WASH CONTAM CLOTHES BEF

ORE REUSE. INHALE:REMOVE FROM

EXPOSURE. IF BREATH STOP/DIFF, ADMIN CPR/OXYGEN.INGEST:DO NOT INDUCE VOMIT. GIVE 1 GLASS MILK OR 1-2 OZ(30-60G)ACTIVED CHARCOAL IN WATER AS TOLERATED.DO NOT GIVE PERSON IF UNCONSC.SEE DR AFTER ADMIN FIRST AID

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

Flash Point Method:CC

Flash Point:72 F/22 C

Extinguishing Media:WATER MAY BE INEFFECTIVE. USE CO2, DRY CHEMICAL, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS

Fire Fighti

ng 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:VAPORS FORM FLAMM/EXPLOS MIX IN AIR. VAPOR HEAVY, MAY TRAVEL TO IGNITE SOURCE. CLOSED CONTAIN MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT. MAY EMIT IRRIT/TOXIC GAS

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RIS  
K.ELIM ALL IGNITE SOURCES.VENT AREA.AVOID CONTACT/BREATHING OF.TAKE UP CAREFULLY TO AVOID HEAT/SPARK.USE INERT ABSORBENT TO COMPLETE CLEAN-UP.IF PRODUCT RELEASED INTO ENVIRONM ENT,REPORT TO NRC(1-800-424-8802).RQ 100LB OR MORE

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

Handling and Storage Precautions:USE/HANDLE & STORE IN ACCORD W/OSHA 29CFR1910.106. KEEP IN CLOSED, LABELED CONTAINER WITHIN A COOL,WELL SHADED,DRY,VENTED AREA. PROTECT FROM DAMAG

E.  
Other Precautions: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 UNDERSTAND MSDS & RECOMMENDED P ROCEDURES. MAINTAIN GOOD HOUSEKEEPING.

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURES BELOW PEL(TLV), USE MSHA/NIOSH APPROVED UNITS PER CURRENT 29CFR1910.134.

IF WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS ARE OK.

Ventilation:PROVIDE SUFFICIENT GENERAL/LOCAL EXHAUST VENT IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURE BELOW EXPOSURE LIMITS.

Protective Gloves:RESISTANT FLEX-TYPE (NEOPRENE OR EQUAL)

Eye Protection:SAFETY GLASSES/CHEM GOGGLES/SIDE SHIELDS

Other Protective Equipment:WEAR INDUSTRIAL TYPE WORK CLOTHES & SAFETY FOOTWEAR. RESISTANT;HEAD/NECK COVER, APRONS, JACKETS, PANTS, COVERALLS, BOOTS

Work Hygienic Pr

actices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES. WASH CONTAMINATED CLOTHING BEFORE REUSE.

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 AND THE CLINICAL CONDITIONS.

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

Vapor Density:>1

Spec Gravity:11.7 LBS/GAL

Viscosity:65-88 KU

Solubility in Water:NEGLI

GIBLE

Appearance and Odor:WHITE VISCOUS 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 A US EPA DEFINED IGNITABLE  
HAZARDOUS WASTE. DISP

OSE OF AS AN IGNITABLE HAZARDOUS WASTE IN

ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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