

KOP-COAT, INC. -- 1220Y3C (COMP A) -- 8010-00-142-9279

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Product Identification
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Product ID:1220Y3C (COMP A)

MSDS Date:09/01/1988

FSC:8010

NIIN:00-142-9279

Kit Part:Y

MSDS Number: BHYGY

=== Responsible Party ===

Company Name:KOP-COAT, INC.

Address:436 SEVENTH AVE., SUITE 1850

City:PITTSBURGH,

State:PA

ZIP:15219-1818

Country:US

Info Phone Num:1-800-556-7737

Emergency Phone Num:1-800-553-5

631

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

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Composition/Information on Ingredients
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Ingred Name:STRONTIUM CHROMATE (SARA III)

CAS:7789-06-2

RTECS #:GB3240

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Fraction by Wt: 5-10%

OSHA PEL:0.1 PPM CRO3;CEILING

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

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA III)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 5-10%

OSHA PEL:200 PPM/300 STEL

ACGIH TLV:200 PPM/300STEL 9192

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:TALC (CONTAINING NO ASBESTOS)

CAS:14807-96-6

RTECS #:WW2710000

Fraction by Wt: 5-10%

OSHA PEL:2 MG/M3 RDUST

ACGIH TLV:2 MG/M3 RDUST; 9192

Ingred N

ame:TITANIUM DIOXIDE

CAS:13463-67-7

RTECS #:XR2275000

Fraction by Wt: 1.-5%.

OSHA PEL:15 MG/M3 TDUST

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, AMORPHOUS, DIATOMACEOUS EARTH, CONTAINING LESS THAN
1% CRYSTALLINE SILICA

CAS:61790-53-2

RTECS #:HL8600000

Fraction by Wt: 1-5%

OSHA PEL:20 MPPCF

ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:SILICA, CRYSTALLINE - QUARTZ

CAS:14808-60-7

RTECS #:VV7330000

Fraction by Wt: .1-.5%

OSHA PEL:SEE TABLE Z3

ACGIH TLV:0.1 MG/M3 RDUST;9293

Ingred Name:TO

LUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 1-5%
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:BISPHENOL A DIGLYCIDYL ETHER
CAS:1675-54-3
RTECS #:TX3800000
Fraction by Wt: 20-25%
OSHA PEL:NE
ACGIH TLV:NE

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES

Health Hazards Acute and Chroni

c:EYES: IRRIT POSSIBLE CORNEAL DAMAGE.

INHAL: IRRIT RESPIR. TRACT, KIDNEY, AND LIVERLUNG CANCER SKIN: IRRIT
DEFATTING OF SKIN, REDNESS, CRACKING, BLISTER, TO DERM- ATITIS.
INGEST: IRRIT TO ABDOMINAL PAIN, GASTRO. DISTURBANCES, ASPIRATION
OF PRODUCT INTO LUNGS MAY CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE
FATAL.

Explanation of Carcinogenicity:SUFFIC. EVID. FOR CARCINOGENICITY OF
CHROMIUM/COMPDS AMONG WORKERS BY CONTACT INCREASES CHANGES OF RESP
& POSS CANCER

Effects of Ov

ereposure:EYES: IRRIT TEARING, POSS CORNEAL DAMAGE. SKIN:
IRRIT TO SENSITIZATION MAY CAUSEDEFATTING OF SKIN BY REDNESS,
CRACKING, BLISTERING, TO DERMATITIS. INHAL: RESPIRTRACT IRRIT
KIDNEY, LIVER, NERV SYS DEPR ESS, HEADACHE, WEAKNESS, DIZZINESS,
INCOORDINATION LUNG & COLLAPSE INGEST: GASTRO. IRRIT, ABDOM PAIN,
NAUSEA & VOMITING

Medical Cond Aggravated by Exposure:EYE: CORNEAL DAMAGE. INHALE: RESP.
TRACT, SEVERE MUCOUS MEMBRANE DAMAGE. INGEST: GASTARO. IRRIT,
KIDN

EY, LIVER, LUNG, OF EXTREME MAY CAUSE CANCERS.DERMATITIS,
ASPIRATION INTO LUNGS TO PNEUMONITIS.

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First Aid Measures
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First Aid:EYES: IMMEDIATELY FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. SEEK DOCTOR SKIN: WASH THOROUGHLY W/SOAP AND WATER. IF REDNESS/ITCHING/BURNING OR OTHER SYMPTOMS DEVELOP/PERSIST, CONSULT DOCTOR. IN HALE: REMOVE FROM EXPOSURE IF BREATHING IS DIFFICULT/STOPPED, ADMIN. CPR/OXYGEN. INGEST: DO NOT INDUCE VOMITING GIVE ONEGLASS OF MILK OR 1-2 OZ (30 TO 60G) CHARCOAL IN WATER GET MEDICAL ATTENTION.

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Fire Fighting Measures
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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 EQUIP. INCLUDING FULL-FACE MSHA/NIOSH AP- PROVED SELF-CONTAINED BREATHING APPARATUS. USE

WATER TO COOL FIRE-EXPD CONTAINER

Unusual Fire/Explosion Hazard:VAPORS FORM FLAMM./EXPLOSIVE VPRS OF HCL & SMALL AMOUNTS OF CL2, PHOSGENE, VPRS TRAVEL AT GROUND LEVEL TO IGN SOURCE-FLASH, CLSD CNTRS MAY EXPLD IF EXPD TO FIRE

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Accidental Release Measures
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Spill Release Procedures:STOP SPILL/LEAK IF NO RISK INVOLVED. AVOID BREATH-ING VPRS. ELIM. ALL SOURCES OF IGNITION, VENT AREA AVOID CONTACT W/HOT LIQUID USE W/INERT ABSORBENT TO CLEAN-UP. IF

RELEASED INTO ENVIRONMENT REPORT RELEASE TO: NATIONAL RESP. CNTR: 1-800-424-8802.

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Handling and Storage
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Handling and Storage Precautions:DO NOT BREATHE VPRS/MIST. AVOID PROLONGED/REPEATED CONTACT WITH SKIN/EYES. HANDLE IN ACCORDANCE WITH OSHA 29 CFR 1910.107,1910.125,DISCARD CONTAM.CLTHS

Other Precautions:*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 CONDITION.
"ALSO SEE ADDITIONAL DATA ON FILE"

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALATION EXPOSURE BELOW (TLV), USE MSHA/NIOSH APPROVED UNITS. IF WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS ARE ACCEPTABLE TO USE.

Ventilation:LOCAL EXHAUST VENT. IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURE BELOW CURRENT LIMITS, AND

WORK AREAS BELOW FLAM. VPR. CONC.

Protective Gloves:NEOPRENE, INDUSTRIAL RESIST. FLEX GLOVES

Eye Protection:SAFETY GLASSES, CHEM.GOGGLES/FACESHIELDS

Other Protective Equipment:WEAR INDUSTRIAL TYPE WORK CLOTHING/SAFETY FOOTWEAR, PROTECTIVE GARMENTS HEAD/NECK COVER, APRONS, JACKETS, PANTS, COVERALLS.

Work Hygienic Practices:AVOID PROLONGED OR REPEATED CONTACT WITH SKIN OR EYES. WASH THOROUGHLY BEFORE AND AFTER EATING, SMOKING, OR USING TOILET

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 CLINICAL CONDITION. READ THE LABEL/SAFETY SHEETS AND ARE UNDERSTOOD BEFORE USING DO NOT WEAR CONTACT LENS WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

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

Vapor Density:>1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:VISCIOUS LIQUID WITH TYPICAL SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

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

Stability Condition to Avoid:NONE.

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

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

Waste Disposal Methods:THIS PRODUCT IS A US EPA DEFINED IGNITABLE HAZARDOUS WASTE

HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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