

KOP-COAT, INC. -- MIL-P-15930C FORMULA 120 GREEN -- 8010-00-664-0018

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

Product ID:MIL-P-15930C FORMULA 120 GREEN

MSDS Date:11/01/1989

FSC:8010

NIIN:00-664-0018

MSDS Number: BJQDX

=== Responsible Party ===

Company Name:KOP-COAT, INC.

Address:436 SEVENTH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:800-547-2468/412-227-2700 OUT OF US

Emergency

Phone Num:800-548-0489/800-424-9300 CHEMTREC

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:METHYL ISOBUTYL KETONE (SARA III)

CAS:108-

10-1
RTECS #:SA9275000
Fraction by Wt: 35-40%
Other REC Limits:NONE SPECIFIED
OSHA PEL:100 PPM/75 STEL
ACGIH TLV:50 PPM/75 STEL; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:TOLUENE (SARA III)
CAS:108-88-3
RTECS #:XS5250000
Fraction by Wt: 25-30%
Other REC Limits:NONE SPECIFIED
OSHA PEL:200 PPM/150 STEL
ACGIH TLV:50 PPM; 9293
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:ZINC CHROMATE
CAS:13530-65-9
RTECS #:GB3290000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3 (CRO3)
ACGIH TLV:0.01MG/M3(CR)A1;9192

Ingred Name:TALC
CAS:14807-96-6
RTECS #:VV7720000
Fraction by Wt: 5-10%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 TWA
ACGIH TLV:2 MG/M3

Ingred Name:VINYL CHLORIDE (SARA III)
CAS:75-01-4
RTECS #:KU9625000
Fraction by Wt: .1-.2%
Other REC Limits:NONE SPECIFIED
OSHA PEL:SEE 1910.1017
ACGIH TLV:5 PPM, A1; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:TRICRESYL PHOSPHATE (EXPOSURE LIMITS ARE TRI-O-CRESYL
PHOSPHATE)
CAS:1330-

78-5
RTECS #:TD0175000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:0.1 MG/M3 TWA
ACGIH TLV:0.1 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INGESTION:MAY CAUSE GASTROINTESTINAL
DISTURBANCES. ASPIRATION INTO LUNG MAY CAUSE CHEMICAL PNEUMONITIS
WHICH MAY BE FATAL. INHALE:CHRONIC EXPOSURE TO CERT
AIN CHROMIUM
COMPOUNDS HAS BEEN SHOWN TO INCR EASE LUNG CANCER INCIDENCE.
PROLONGED/REPEATED INHALE OF HIGH CONCENTRATES MAY CAUSE CENTRAL
NERVOUS SYSTEM DEPRESSION
Explanation of Carcinogenicity:SUFF EVIDENCE OF RESPIRATORY
CARCINOGENICITY IN MEN. INCREASED INCIDENCES OF LUNG CANCER AMOUNG
WORKERS. (CHROMIUM VI)
Effects of Overexposure:EYES:MAY CAUSE IRRITATION. SKIN:MAY CAUSE
IRRITATION &/OR DEFATTING,BLISTERING,CRACKING &/OR DRYNESS. CONTACT
W/CHROMATE DUST MAY CAU
SE IRRITATION & POSSIBLE SENSITIZATION.
INHALE:RESPIRATORY IRRITATI
ON,HEADACHE,DIZZINESS,WEAKNESS,NAUSEA,INCOORDINATION & POSSIBLE
COLLAPSE. INGESTION:GASTROINTESTNAL DISTURBANCES.
Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXISTING DISEASE IN
OR A HISTORY OF AILMENTS INVOLVING EYES, SKIN, RESPIRATORY TRACT &
CENTRAL NERVOUS SYSTEM ARE AT GREATER THAN NORMAL RISK OF DEVELOPING
ADVERSE EFFECTS FROM EXPOSURE.

===== First Aid Measures =====
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First Aid:EYE:IMMED FLUSH W/LG AMNTS OF WATER 15 MINS,GET MED.SKIN:WASH
THORO W/SOAP & WATER.IF IRRIT OCCURS/PERSISTS,GET MED.WASH CONTAM
CLOTHES BEFORE REUSE.INHALE:REMOVE FROM EXPOSURE.IF BREATH
STOPPED/DIFF, ADMIN CPR/OXYGEN AS NEEDED.GET MED.INGEST:DO NOT
INDUCE VOMIT.GIVE 1 GLASS OF MILK OR 1-2 OZ(30 TO 60G)ACTIVATED
CHARCOAL IN WATER AS TOLERATED.IMMED GET MED.DO NOT GIVE ANYTHING
IF PERSON IS UNCONSC

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

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Flash Point Method:CC

Flash Point:45 F/7.2 C

Extinguishing Media:CO2, DRY CHEMICAL, WATER SPRAY, ALCOHOL OR
UNIVERSAL TYPE FOAMS PER MFR'S RECOMMENDATIONS. WATER MAY BE
INEFFECTIVE.

Fire Fighting Procedures:WEAR COMPLETE FIRE SERVICE PROTECTIVE EQUIP,
INCLUDING FULL-FACE MSHA/NIOSH APPROVED SCBA. USE WATER TO COOL
FIRE-EXPOSED CONTAINER/STRUCTURE/PROTECT PERSONNEL

Unusual Fire/Explosion Hazard:VAPOR FORM FLAMM/EXPLOS MIX IN AIR.VAPOR
HEAVY,MAY TRAVEL(GROUND
/SEWER)TO IGNITE SOURCE-FLASH.FIRE MAY EMIT
IRRIT/TOXIC GAS &/OR FUME.CLOSE CONTAIN MAY EXPLODE

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

Spill Release Procedures:STOP SPILL IF NO RISK.ELIM ALL IGNITE
SOURCES. VENT AREA.AVOID BREATHING VAPOR.AVOID CONTACT W/HOT
LIQ/FUMES.TAKE UP CAREFULLY TO AVOID HEAT/SPARKS.USE AN INERT
ABSORB TO COMPLETE CLEAN-UP.REPORT RELEA SE INTO ENVIR TO
NRC(1-800-424-8802),1 LB OR MORE.

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

Handling and Storage Precautions:STORE IN AREAS/BLDG DESIGN TO COMPLY
W/OSHA 1910.106. KEEP IN CLOSED, LABELED CONTAINER W/COOL,WELL
SHADED,DRY VENT AREA.PROTECT FROM PHYSICAL DAMAGE

Other Precautions:KEEP CONTAINER CLOSED WHEN MATERIAL IS NOT IN
USE.MAINTAIN GOOD HOUSEKEEPING.NOT FOR USE/STORAGE IN/AROUND
HOME.GROUND/BOND DRUM.DO NOT USE PRESSURE TO EMPTY DRUMS.KEEP AWAY
FROM HEAT & OPEN FLAME.SPR AY PAINT IN ACCORD W/OSHA 29CFR 1910.107

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

Respiratory Protection:IF VENTILATION DOES NOT MAINTAIN INHALE
EXPOSURES BELOW PEL(TLV), USE APPROVED UNITS AS PER CURRENT
29CFR1910.134 & NIOSH/RESPIRATOR DECISION LOGIC-PUB. #87.108. IF
WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNITS OK.

Ventilation:SUFF GENERAL/LOCAL EXHAUST VENT IN PATTERN/VOL TO CONTROL
INHALE EXPOSURE BELOW LIMITS & BELOW FLAMM VAPOR CONCENTRATION

Protective Gloves:INDUSTRIAL RES

ISTANT FLEX TYPE GLOVES

Eye Protection:SAFETY GLASSES/SIDE-FACE SHIELDS/GOGGLES

Other Protective Equipment:WEAR INDUSTRIAL-TYPE WORK CLOTHES & SAFETY
FOOTWEAR. PROTECTIVE GARMENTS:HEAD/NECK
COVER,APRONS,JACKETS,PAINTS,COVERALLS

Work Hygienic Practices:OBSERVE GOOD HYGIENE & SAFETY PRACTICES WHEN
HANDLING THIS PRODUCT. AVOID PROLONGED OR REPEATED BREATHING OF
VAPORS.

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 CONDITION.

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

Vapor Density:>1

Spec Gravity:8.55 LBS/GAL

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR

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

Stability Indicator/Materials to Avoid:YES

HEAT, SPARKS & OPEN FLAME.

Hazardous Decomposition Products:CARBON MONOXI
DE, CARBON DIOXIDE UPON
THERMAL DECOMPOSITION.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE &
FEDERAL REGULATIONS. AVOID PROLONG/REPEATED BREATHING OF VAPORS,
MIST, FUMES OR SKIN & EYE CONTACT.

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