

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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