

KOP-COAT INC -- FORMULA 154,DARK GRAY,COMP A -- 8010-01-302-3605

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Product Identification
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Product ID:FORMULA 154,DARK GRAY,COMP A

MSDS Date:02/01/1989

FSC:8010

NIIN:01-302-3605

Kit Part:Y

MSDS Number: BKBPH

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219

Country:US

Info Phone Num:800-547-2468

Emergency Phone Num:800-424-9300

/ 800-548-0489

Preparer's Name:C A HOPE

CAGE:00297

=== 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

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Composition/Information on Ingredients
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Ingred Name:PROPYLENE GLYCOL MONOMETHYL ETHER

CAS:107-98-2

RTECS #:UB7700000

Fraction by Wt: 10-15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:100 PPM/150 STEL

ACGIH TLV:100 PPM/150STEL;9192

ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:STODDARD SOLVENT
CAS:8052-41-3
RTECS #:WJ8925000
Fraction by Wt: 15-20%
Other REC Limits:NONE SPECIFIED
OSHA PEL:500 PPM
ACGIH TLV:100 PPM; 9293

Ingred Name:N-BUTYL ALCOHOL (SARA III)
CAS:71-36-3
RTECS #:EO1400000
Fraction by Wt: 5-10%
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:TALC (CONTAINING NO ASBESTOS)
CAS:14807-96-6
RTECS #:WW2710000
Fraction by Wt: 35-40%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3 RDUST
ACGIH TLV:2 MG/M3 RDUST; 9192

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
Fraction by Wt: 1-5%
Other REC Limits:NONE SPECIFIED
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

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

Health Hazards Acute and Chronic:EYE: IRRITATION.

SKIN: PROLONG &/OR

REPEAT CONTACT-DEFATTING. ABSORPTION: SYSTEMIC EFFECTS. INHALE OF HIGH CONCENTRATIONS MAY CAUSE RESPIRATORY TRACT IRRITATION & CENTRAL NERVOUS SYSTEM DEPRESSION. REPEAT/PROLONG INHALE HIGH CONC OF PARTICULATES: LUNG CHANGES. INGESTION: GASTROINTESTINAL DISTURBANCES. LUNG ASPIRATION.

Effects of Overexposure:SKIN: REDNESS, CRACKING, BLISTERING, IRRITATION AND DERMATITIS. INHALATION: HEADACHE, WEAKNESS, DIZZINESS, INCOORDINATION AND POSSIBLE COLLAPSE.

INGESTION: NAUSEA, VOMITING

AND DIARRHEA. MANY EFFECTS SAME AS INHALATION. ASPIRATION: CHEMICAL PNEUMONITIS WHICH CAN BE FATAL.

Medical Cond Aggravated by Exposure:PERSONS W/PRE-EXIST DISEASE OR HISTORY OF AILMENTS INVOLVING THE SKIN, EYE, RESPIRATORY TRACT, LIVER, KIDNEY, CENTRAL NERVOUS STSTEM ARE AT GREATER RISK TO DEVELOP ADVERSE EFFECTS WITH THIS PRODUCT.

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

First Aid:EYE:FLUSH W/LARGE AMT OF WATER FOR 15 MIN. SKIN:WASH W/SOAP &

WATER. WASH CONTAMINATED CLOTHES BEFORE REUSE. INHALE:REMOVE FROM EXPOSURE. IF BREATHING STOPPED OR DIFFICULT ADMIN CPR OR OXYGEN AS NEEDED. INGEST: DO NOT INDUCE VOMITING. GIVE 1 GLASS OF MILK OR 1 TO 2 OZ ACTIVATED CHARCOAL IN WATER AS TOLERATED.

EMERGENCY/PERSISTANCE: GET IMMEDIATE MEDICAL AID. NOTHING BY MOUTH TO UNCONSCIOUS PERSON.

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

Flash Point Method:TCC

Flash Point:85.0

F,29.4C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS AS PER MFR RECOMMENDS. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:FULL FIRE PROTECTIVE CLOTHES, INCL FULL-FACE MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. USE WATER TO COOL CONTAINERS/STRUCTURES & PROTECT PERSONNEL

Unusual Fire/Explosion Hazard:VAPORS:FLAM/WXPLOS MIX IN AIR. VAPOR HEAVY/TRAVEL TO IGNITE SOURCE-FLASH. CNTNRS MAY HOLD FLAM VAPOR. CLOSED CN

TNRS MAY EXPLODE W/HEAT. EMITS IRRIT/TOXIC FUMES.

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

Spill Release Procedures:STOP SPILL/LEAK IF NO RISK. AVOID: BREATHING VAPOR, HOT LIQUIDS,FUMES,&HEAT/SPARKS. TURN OFF IGNITE SOURCES. VENTILATE AREA. INERT ABSORB TO FINISH CLEAN-UP. REACTS W/OXIDIZING AGENTS. REPORT QUANTITY : 100 LB OR MORE SPILL, TO NATIONAL RESPONSE CNTR.

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

Handling and Stor

age Precautions:AVOID PROLONG/REPEAT:BREATHING VAPOR/MIST/FUMES, CONTACT W/SKIN/EYES. STORE: COOL,DRY,VENTED AREA. CNTNRS LABELED/CLOSED. SPRAY PNT:OSHA 29CFR1910.107

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 CONTACT LENSES WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

===== Exposure Controls/Personal Protection

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Respiratory Protection:IF VENTIL DOES NOT MAINTAIN INHALE EXPOS BELOW PEL(TLV), USE MSHA/NIOSH APPROVED UNITS AS PER CURRENT 29 CFR 1910.134, INSTRUCT/WARNING & NIOSH-RESPIRATOR DECISION LOGIC-PUB.#87.108. WITHIN OSHA PROTE CT FACTOR AIR-PURIFY OV/FILTER UNITS OK.

Ventilation:SUFFICIENT VENTILATION TO KEEP EXPOS BELOW CURRENT EXPOS LIM & AREAS BELOW FLAMM VAPOR CONC. LOCAL EXHST/CONFINED AREA.

Protective Gloves:WEAR HEAVY NEOPRENE OR EQUIVALENT GLOVES

Eye Pr

otection:SAFETY GLASS/SIDE/FACE SHIELDS/GOGGLES.

Other Protective Equipment:WEAR RESISTANT PROTECTIVE GARMENTS SUCH AS HEAD/NECK COVER, APRONS, JACKETS, PANTS, COVERALLS, BOOTS, ETC FOR CONDITIONS

Work Hygienic Practices:WASH AFTER SKIN CONTACT & BEFORE EATING, DRINKING, USING TOBACCO OR RESTROOMS. PROTECT CONTAINERS FROM PHYSICAL DAMAGE.

Supplemental Safety and Health

EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE INCLUDING FLAMMABLE EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND O

R WELD ON OR NEAR

PRODUCT CONTAINERS. AIRBORNE PARTICULATE MAY BE GENERATED DURING REMOVAL OPERATIONS INCLUDING ABRASIVE BLASTING, SANDING OR GRINDING. READ AND UNDERSTAND MANUFACTURER'S PRECAUTIONS BEFORE USING.

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

Vapor Density:> 1

Spec Gravity:10.2-10.6

Solubility in Water:NEGLIGIBLE

Appearance and Odor:DARK GRAY LIQUID WITH A TYPICAL SOLVENT ODOR.

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

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Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON DIOXIDE & CARBON MONOXIDE UPON THERMAL DECOMPOSITION.

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

Waste Disposal Methods:THIS PRODUCT IS A US EPA DEFINED IGNITABLE HAZARDOUS WASTE. DISPOSE OF AS AN IGNITABLE HAZARDOUS WASTE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. D

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REPORTABLE QUANTITIES: N-BUTYL ALCOHOL, 5000 LBS.

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