

KOP-COAT, INC. -- FORMULA 155 DARK GRAY 5440350000155000 -- 8010-00-922-1159
===== Product Identification =====

Product ID:FORMULA 155 DARK GRAY 5440350000155000

MSDS Date:01/01/1987

FSC:8010

NIIN:00-922-1159

Kit Part:Y

MSDS Number: BHDYJ

=== Responsible Party ===

Company Name:KOP-COAT, INC.

Address:436 SEVENTH AVENUE

City:PITTSBURGH,

State:PA

ZIP:15219

Country:US

Info Phone Num:1-800-424-9300

Eme

rgency Phone Num:1-800-548-0489

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:N-BUTYL ALCOHOL (SARA III)

CAS:71-36-3

RTECS #:EO140000

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Fraction by Wt: 30-35%
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%
OSHA PEL:2 MG/M3 RDUST
ACGIH TLV:2 MG/M3 RDUST; 9192

Ingred Name:CARBON BLACK
CAS:1333-86-4
RTECS #:FF5800000
OSHA PEL:3.5 MG/M3
ACGIH TLV:3.5 MG/M3; 9192

Ingred Name:TITANIUM DIOXIDE
CAS:13463-67-7
RTECS #:XR2275000
OSHA PEL:15 MG/M3 TDUST
ACGIH TLV:10 MG/M3 TDUST; 9293

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: IRRI. SKIN: DEGAT, CHARACT BY
REDNESS, CRACKING, BLISTERING, IRRI & DERMATITIS. MAY ABSORB
RESULTING SYSTEMIC EFFECTS. INHAL: RESPIRATORY TRACT IRRI & CENTRAL
NERVOUS SYSTEM DEPRESSION CHARACT BY HEADACHE, WEAK, DIZZ, INCOORD
& POSSIBLE COLLAPSE, LUNG CHANGES. INGESTION: GASTROI
NTESTINAL
DISTUBANCES. ALSO BELOW
Effects of Overexposure:INGES: NAUSEA, VOMIT, DIARRHEA & EFFECT SIMILAR
TO THOSE DESCRIBED UNDER INHAL. ASPIRATION OF PRODUCT INTO LUNG
CAUSE CHEM PNEUMONITIS CAN BE FATAL. INHAL: REPEATED INHAL OF HIGH
CONCENT OF AIRBORNE P ARTIC MAY LEAD TO LUNG CHANGES. EYES: IRRI
FROM CONTACT W/LIQUID OR VAPOR. SEE ABOVE
Medical Cond Aggravated by Exposure:DISEASE IN OR A HISTORY OF AILMENTS
INVOLV SKIN,EYE, RESP TRACT, LIVER,KIDNEY, CENTRAL NERVOUS S

SYSTEM

ARE AT A GREATER RISK OF DEVELOPING ADVERSE EFFECTS WHEN EXPOSED TO THIS MATERIAL

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

First Aid:EYE: IMMEDIATELY FLUSH W/LARGE AMTS OF WATER 15 MIN. SEEK MED AID. SKIN: WASH W/SOAP & WTR. IF RED, ITCH, BURN OR OTHER PERSIST, SEEK MED AID. LAUNDRER CLOTHING. INHAL:REMOVE TO FRESH AIR. IF BREATH STOP ADMIN CPR/OXYGEN. SEEK MED AID. INGEST: DONOT INDUCE VOMIT. GIVE 1 GLASS OF MILK OR 1 TO 2 OZ OF ACTIVATED CHAR

RCOAL IN WTR TO

VICTIM AS TOLERATED. SEEK MED AID. DO NOT ATTEMPT TO GIVE ANYTHING TO UNCONSCIOUS

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

Flash Point Method:TCC

Flash Point:104 F 40 C

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL OR FOAM, WATER SPRAY, ALCOHOL OR UNIVERSAL TYPE FOAMS. WATER MAY BE INEFFECTIVE.

Fire Fighting Procedures:WEAR COMPLETE PROTECTIVE EQUIP, FULL-FACE MSHA/NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. USE WATER TO COOL FIRE

RE-EXPOSED CONTAINER/STRUCTURE/PROTECT PERSONS

Unusual Fire/Explosion Hazard:HEAT/FIRE COND: VAPORS FORM

FLAMM/EXPLOSIVE MIXTURES IN AIR. VAPORS HEAVY, MAY TRAVEL (GROUND, PIT, SEWER) TO IGNITION SOURCE-FLASH. OPEN/CLOSED CONT MAY EXPLODE

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

Spill Release Procedures:STOP LEAK IF NO RISK INVOLVED. STAY UPWIND.

SML: TAKE UP W/SAND/NONCOMBUSTIBLE ABSORBENT. FLUSH W/WATER DIKE LARG FOR LATER DISPOSAL. CONTAIN RUNOFF FROM FIRE

CONTROL & DILUTION

WATER. MUST BE REPORTED IF RELEASED IN ENVIRONMENT TO 1-800-424-8802 NRC IF 14,624 LB

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

Handling and Storage Precautions:AVOID PROLONGED CONTACT W/SKIN OR EYES. BREATHING OF. HANDLE & USE IN ACCORDANCE W/OSHA LOCAL CODES.STORE BLD DESIGN TO COMPLY W/OSHA/CLOSED/DRY/VENT

Other Precautions:PROTECT FROM PHYSICAL DAMAGE. KEEP CONTAINERS CLOSED WHEN MATERIAL IS IN USE. MAINTAIN GOOD HOUSEKEEPING. GROUP

ND AND

BOND DRUMS. DO NOT USE PRESSURE TO EMPTY DURMS. DO NOT WEAR CONTAMINATED CLOTHING. KEEP AWAY FROM HEAT AND OPEN FLAME.

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

Respiratory Protection:IF VENT IS NOT MAINTAINING INHAL EXPOSURE BELOW PEL(TLV) USE MSHA/NIOSH APPROVEDUNITS AS PER CURRENT INSTRUCT/WARNINGS & NIOSH-RESPIRATOR. IF WITHIN OSHA PROTECTION FACTOR, AIR PURIFYING OV/FILTER UNI TS OK.

Ventilation:GENERAL/LOCAL EXHAUST VENT IN PATTERN TO CONTROL INHAL

EXPOSURES BELOW CURRENT LIMITS. LOCAL EXHAUST IS NEC ENCLOSED AREA

Protective Gloves:INDUSTRIAL RESIS FLEXIBLE TYPE GLOVES

Eye Protection:SAFETY GLASSES SIDESHIELDS GOGGLES ETC.

Other Protective Equipment:INDUSTRIAL TYPE WORK CLOTHING & SAFETY FOOTWEAR. DEPENDING ON WORKING CONDITIONS, WEAR RESIS PROTECTIVE GARMENTS, HEAD

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES

Supplemental Safety and Health

DO NOT USE UNTIL MANUFAC

TURER'S PRECAUTIONS HAVE BEEN READ/UNDESTOOD.

WASH EXPOSED AREAS PROMPTLY AND THOROUGHLY AFTER SKIN CONTACT FROM WORKING WITH THIS PRODUCT AND BEFORE EATING, DRINKING, SMOKING OR USING REST ROOMS. DO NOT WEAR CONTACTLENS WITHOUT PROPER EYE PROTECTION WHEN USING THIS PRODUCT.

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

Boiling Pt:B.P. Text:ND

Melt/Freeze Pt:M.P/F.P Text:ND

Vapor Pres:ND

Vapor Density:> 1 AIR

Spec Gravity:ND

pH:ND

Evaporation Rate & ;

Reference:ND

Solubility in Water:NEGLIGIBLE

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

Percent Volatiles by Volume:ND

Corrosion Rate:ND

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

Stability Indicator/Materials to Avoid:YES

AVOID OXIDIZING AGENTS, HEAT, SPARKS AND OPEN FLAMES

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:CARBON MONOXIE, CARBON DIOXIDE UPON THERMAL DECOMPOSTION

===== Disposal Considerations

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Waste Disposal Methods:DISPOSE OF AS AN INDUSTRIAL WASTE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REG.

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