

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

Em

ergency 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 #:EO14000

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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: GASTRO

INTESTINAL

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

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 CHARCOAL IN WATER 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-EXPOSED CONTAINER/STRUCTURE/PROTECT PERSONS
Unusual Fire/Explosion Hazard:HEAT/FIRE COND: VAPORS FORM FLAMMABLE/EXPLOSIVE MIXTURES IN AIR. VAPORS HEAVY, MAY TRAVEL (GROUND, PIT, SEWER) TO IGNITION SOURCE-FLASH. OPEN/CLOSED CONTAINER MAY EXPLODE

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

Spill Release Procedures:STOP LEAK IF NO RISK INVOLVED. STAY UPWIND.
SMALL: TAKE UP W/SAND/NONCOMBUSTIBLE ABSORBENT. FLUSH W/WATER DIKE LARGE 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 BLEND 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. GROUND

UND 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 T
OCONTROL 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 MANUFA

CTURER'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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