

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

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First Aid Measures  
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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 WATER

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

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Fire Fighting Measures  
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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

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

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Accidental Release Measures  
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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

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Handling and Storage  
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Handling and Storage Precautions:AVOID PROLONGED CONTACT W/SKIN OR EYES. BREATHING OF. HANDLE & USE IN ACCORDANCE W/OSHA LOCAL CODES.STORE BUILDING 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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