

KOP-COAT INC -- MIL-P-24441/1B TY I COMP. A (FORMULA 150 GREEN) -- 8010-01-350-4742

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Product Identification  
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Product ID:MIL-P-24441/1B TY I COMP. A (FORMULA 150 GREEN)

MSDS Date:10/01/1991

FSC:8010

NIIN:01-350-4742

Kit Part:Y

MSDS Number: BWQDT

=== Responsible Party ===

Company Name:KOP-COAT INC

Address:436 7TH AVENUE

City:PITTSBURGH

State:PA

ZIP:15219-1818

Country:US

Info Phone Num:800

-556-7737, 412-227-2155

Emergency Phone Num:800-553-5631, CHEMTREC 800-424-9300

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:N-BUTYL ALCOHOL (SARA III)

CAS:71-36-3

RTECS #:EO1400000

Fraction by Wt: 25-30%

Other REC Limits:NONE RECOMMENDE

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OSHA PEL:100 PPM  
ACGIH TLV:S, C 50 PPM; 9394  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:TALC  
CAS:14807-96-6  
RTECS #:MW2700000  
Fraction by Wt: 40-45%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.2 FIBERS/CC  
ACGIH TLV:0.2 FIBER/CC,A1;9394

Ingred Name:TITANIUM DIOXIDE  
CAS:13463-67-7  
RTECS #:XR2275000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:10 MG/M3 TDUST; 9394

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

LD50  
LC50 Mixture:ORAL LD50 (RAT) IS UNKNOWN.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: VAPOR MAY CAUSE RESPIRATORY TRACT AND EYE IRRITATION. INGESTION MAY CAUSE GASTROINTESTINAL DISTURBANCES. INHALATION MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.  
Explanation of Carcinogenicity:NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.  
Effects of Overexposure:MAY CAUSE EYE, SKIN & RESPIRATORY TRACT IRRITATION. INHALATION OF HIGH CONCENTRATIONS OF VAPORS MAY CAUSE CNS EFFECTS CHARACTERIZED BY HEADACHE, WEAKNESS, DIZZINESS, INCOORDINATION AND POSSIBLE COLLAPSE. INGESTION MAY CAUSE NAUSEA, VOMITING, AND DIARRHEA. LIQUID OR VAPOR EYE CONTACT MAY CAUSE IRRITATION.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: R

REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE CPR.

IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN. EYE:  
FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET  
MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH  
SOAP AND WATER PROMPTLY. INGESTION: DO NOT INDUCE VOMITING. GIVE  
MILK OR WATER TO DRINK ONLY IF CONSCIOUS. GET IMMEDIATE MEDICAL  
ATTENTION.

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

Flash Point Method:TCC

Flash Point:104F,40C

Extinguishing Media:USE CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE  
HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS. VAPORS FORM EXPLOSIVE  
MIXTURES IN AIR. VAPORS MAY TRAVEL AND IGNITE.

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===== Accidental Release Measures =  
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Spill Release Procedures:STOP SPILL/LEAK IF NO RISK INVOLVED. ELIMINATE  
ALL SOURCES OF IGNITION. VENTILATE AREA. AVOID BREATHING VAPORS.  
AVOID CONTACT WITH HOT LIQUID AND FUMES. TAKE UP CAREFULLY TO AVOID  
HEAT AND SPARKS. USE AN INERT ABSORBENT TO COMPLETE A CLEAN-UP.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT AND OPEN FLAMES.  
KEEP

CONTAINER CLOSED. FOR INDUSTRIAL USE ONLY. DO NOT USE PRESSURE  
TO EMPTY DRUMS. FOR IMMEDIATE USE WHEN MIXED.

Other Precautions:NOT FOR USE OR STORAGE IN OR AROUND THE HOME. GROUND  
AND BOND DRUMS. DISCARD CONTAMINATED FOOTWEAR.

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

Respiratory Protection:USE NIOSH/MSHA APPROVED UNITS AS PER CURRENT 29  
CFR 1910.134, INSTRUCTIONS/WARNINGS AND NIOSH-RESPIRATOR DECISION  
LOGIC-PUB #87-108. USE SELF-CONTAINED BREATHING A

PPARATUS PER

SUPPLIERS' INSTRUCTIONS AND WARNINGS.

Ventilation:PROVIDE SUFFICIENT LOCAL & MECHANICAL(GENERAL) VENTILATION IN PATTERN/VOLUME TO CONTROL INHALATION EXPOSURES.

Protective Gloves:INDUSTRIAL HEAVY DUTY NEOPRENE OR EQUAL

Eye Protection:SPLASH-PROOF GOGGLES AND FACE SHIELD.

Other Protective Equipment:WEAR INDUSTRIAL-TYPE WORK CLOTHING AND SAFETY FOOTWEAR. HEAD/NECK COVER, APRONS, JACKETS PANTS, COVERALLS, AND BOOTS.

Work Hygienic Practices:WASH THOROUGHLY AFTER USE AND BEFORE EATING OR

SMOKING. LAUNDRER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

THIS IS A TWO PART PRODUCT. EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUE INCLUDING FLAMMABLE OR EXPLOSIVE VAPORS. DO NOT CUT, DRILL, GRIND OR WELD ON OR NEAR FULL, PARTIALLY FULL OR EMPTY PRODUCT CONTAINERS. AIRBORNE PARTICULATE MAY BE GENERATED DURING REMOVAL OPERATIONS INCLUDING ABRASIVE BLASTING, SANDING OR GRINDING.

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===== Physical/Chemical Properties =====  
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HCC:F4

Vapor Density:>1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GREEN VISCOUS LIQUID WITH A TYPICAL SOLVENT ODOR.

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:HIGH HEAT, OPEN FLAMES AND OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CARBON DIOXIDE, CARBON DIOXIDE

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

Waste

Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

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