

KOP-COAT INC -- MIL-V-173 C COMP II CLEAR GLOSS VARNISH M & F RESISTANT --  
5970-00-647-3676

===== Product Identification =====

Product ID:MIL-V-173 C COMP II CLEAR GLOSS VARNISH M & F RESISTANT

MSDS Date:04/12/1994

FSC:5970

NIIN:00-647-3676

MSDS Number: BXFQV

=== 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, 201-438-3700

Emergency Phone Num:800-255-3924

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

Company Name:RANDOLPH PRODUCTS CO

Address:701 12TH ST

Box:830

City:CARLSTADT

State:NJ

ZIP:07072-0830

Country:US

Phone:201-438-3700

CAGE:77672

===== Composition/Information on Ingredients =====

Ingred Name:OIL MODIFIED PHE

NOLIC VARNISH SOLUTION

Fraction by Wt: 50%

Other REC Limits:NONE RECOMMENDED

Ingred Name:N-BUTYL ACETATE (CERCLA)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 10%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/200STEL;9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (2-BUTANONE) (MEK) (SARA 313) (CERCLA)

CAS:78-93-3

RTECS #:EL6475000

Fraction by Wt: 5%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:200 PPM

ACGIH TLV:200 PPM/300STEL;9495

EPA Rpt

Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:STODDARD SOLVENT/ALIPHATIC NAPHTHA

CAS:8052-41-3

RTECS #:WJ8925000

Fraction by Wt: 35%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:500 PPM

ACGIH TLV:100 PPM; 9495

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS NOT KNOWN.

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS:EYES, SKIN, CNS  
, BRAIN.

ACUTE- EXCESSIVE INHALATION IS HARMFUL/FATAL. MAY CAUSE CNS  
DEPRESSION. MAY HAVE ANESTHETIC EFFECT. EYE CONTACT MAY CAUSE  
IRRITATION. REPEATED SKIN CONTACT MAY CAUSE CRACKING & IRRITATION.  
HARMFUL IF SWALLOWED. CHRONIC- OVEREXPOSURE MAY CAUSE SKIN RASH,  
BLISTERING & CNS EFFECTS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, HEADACHE, DIFFICULTY IN BREATHING,  
NAUSEA, VOMITING, SKIN RASH AND BLISTERING

Medical Cond Aggravated by Exposure:

INDIVIDUALS WITH PRE-EXISTING  
DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, CNS MAY HAVE  
INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

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

First Aid:GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALATION:REMOVE TO  
FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR  
15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER.  
INGESTION:DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION

IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

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

Flash Point Method:SCC

Flash Point:21.0F,-6.1C

Lower Limits:0.9%

Upper Limits:11.4%

Extinguishing Media:USE FOAM, DRY CHEMICAL OR CARBON DIOXIDE. WATER MAY  
BE INEFFECTIVE. WATER STREAM WILL SPREAD FIRE.

Fire Fighting Procedures:WEAR FULL PROTECTIVE CLOTHING AND  
NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL  
FIRE-EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL  
CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.  
CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES  
OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH  
NON-FLAMMABLE ABSORBENT SUCH AS SAND, EARTH/USE PUMP (EXPLOSION  
PROOF). GR

ROUND ALL HANDLING EQUIPMENTS. PREVENT LIQUID FROM  
ENTERING SEWERS.

Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE IN COOL, VENTILATED AREA, AWAY  
FROM HEAT, FLAMES, SPARKS, HOT SURFACES & INCOMPATIBLE MATERIALS.  
KEEP CONTAINER TIGHTLY CLOSED.

Other Precautions:"EMPTY" CONTAINERS RETAIN RESIDUE AND MAY BE  
DANGEROUS. FOLLOW ALL LABEL INSTRUCTIONS. AVOID REPEATED/PROLONGED  
SKIN CONTACT.

KEEP OUT OF REACH OF CHILDREN. DO NOT BREATHE VAPORS.  
AVOID EYE AND SKIN CONTACT.

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

Respiratory Protection:IF TLV IS EXCEEDED, WEAR NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR OR AIR-PURIFYING RESPIRATOR. IN EMERGENCY, WEAR A NIOSH-APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS.

Ventilation:MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:PLASTIC, RUBBER, NEOPRENE

Eye Protection:CHEMICAL SAFETY GOGGLES

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWERS SHOULD BE AVAILABLE IN THE IMMEDIATE VICINITY OF ANY POTENTIAL EXPOSURE.

Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY BEFORE EATING, DRINKING/SMOKING.

Supplemental Safety and Health  
FORMULA CHANGED. FOR PREVIOUS FORMULATION, SEE PNI A, SAME NSN.

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

HCC:F2

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:172F - 410F

Vapor Density:>1

Spec Gravity:0.888

Evaporation Rate & Reference: