

RANDOLPH PRODUCTS CO -- GLOSS ALIPHATIC POLYURETHANE, COMP A -- 8010-00-181-8276
===== Product Identification =====

Product ID:GLOSS ALIPHATIC POLYURETHANE, COMP A

MSDS Date:12/01/1988

FSC:8010

NIIN:00-181-8276

Kit Part:Y

MSDS Number: BMPYW

=== Responsible Party ===

Company Name:RANDOLPH PRODUCTS CO

Address:701 12TH STT

Box:830

City:CARLSTADT

State:NJ

ZIP:07072

Country:US

Info Phone Num:201-438-3

700

Emergency Phone Num:201-438-3700

CAGE:77672

=== Contractor Identification ===

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:POLYESTER RESIN

Fraction by Wt: 20 - 30%

Other REC Limits:NONE SPECIFIED

Ingred Name:BUTYL ACETATE (VAPOR PRESSURE 14 MM HG @ 20 C) (LEL 1.7)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 5 -

15%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:150 PPM / 710 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:METHYL ETHYL KETONE (SARA 313) (VAPOR PRESSURE 80 MM HG @ 20 C) (LEL 1.8)

CAS:78-93-3
RTECS #:EL6475000
Fraction by Wt: 10 - 20%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200 PPM / 590 MG/M3
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:XYLENE (SARA 313) (VAPOR PRESSURE 25 MM HG @ 20 C) (LEL 1.2)

CAS:1330-20-7
RTECS #:ZE2100000
Fraction by Wt: 5 - 15%
Other R
EC Limits:NONE SPECIFIED
ACGIH TLV:100 PPM / 435 MG/M3
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:PROPYLENE GLYCOL METHYL ETHER ACETATE (VAPOR PRESSURE 2.5 MM HG @ 20 C) (LEL 1.3)

CAS:108-65-6
RTECS #:AI8925000
Fraction by Wt: 25 -35%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:100 PPM

Ingred Name:PIGMENTS
Fraction by Wt: 10 - 20%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:10 MG/M3

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

Routes of Entry: Inhalation:YE

S Skin:YES Ingestion:YES

Health Hazards Acute and Chronic:BURNS, INJURY (FIRE/EXPLOS). OVEREXPOS (SOLVENT)--PERM BRAIN & NERV SYS DAMAGE. CONC/INHAL--HARM/FATAL. INHAL: NASAL IRRIT, DIZZY, WEAK, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUS, ASPHYXIATION. EYE: IRRIT, RED, TEAR, BLURRED VISION. SKIN: TOXIC EFFECTS, MINOR IRRIT, DEFAT, DERMATITIS. INGEST: TOXIC, GASTROINTEST IRRIT,

Effects of Overexposure:NAUSEA, VOMIT & DIARRHEA. IN SHORT TERM, REPEATED INHAL EXPOS TO NEARLY S

ATURATED VAPOR (>4000 PPM), TEST

ANIMALS SHOW SLIGHT EFFECT ON KIDNEYS/KIDNEY FUNCTION. PROLONGED CONTACT W/INTACT & ABRADED RA BBIT SKIN SHOWED NO IRRIT & POTENTIAL TO PRODUCE SYS TOXIC VIA SKIN ABSORPT IS LOW. ASPIRATION INTO LUNGS-HARM/FATAL.

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

First Aid:INHAL: MOVE TO FRESH AIR. KEEP QUIET. ADMIN OXYGEN/ARTIF RESP AS NEEDED. GET MED AID. PROMPT ACTION-ESSENTIAL. EYE: IMMED FLUSH EYES W/CLEAN, LOW PRE

SS WATER 15 MIN. LIFT EYELIDS. GET MED ATTN.

SKIN: REMOVE CONTAM CLOTH. WASH W/SOAP & WATER. IF STICKY, USE WATERLESS CLEANER FIRST. DISCARD CONTAM SHOES. INGEST: GIVE WARM WATER (QT) . GET MED AID. DON'T INDUCE VOMIT (RISK OF ASPIRATION INTO LUNGS).

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

Flash Point Method:TCC

Flash Point:20.0F,-6.7C

Lower Limits:1.2

Extinguishing Media:SAND, FOAM, CARBON DIOXIDE, CHEMICAL TYPES.

Fire Fighting Procedures:PREVENT

FIRE, KEEP AWAY FROM HEAT, SPARKS, AND OPEN FLAMES.

Unusual Fire/Explosion Hazard:AVOID BREATHING VAPOR OR FUMES. USE AIR SUPPLIED RESCUE EQUIPMENT FOR ENCLOSED AREAS. COOL EXPOSED CONTAINERS WITH WATER TO PREVENT EXPLOSION DUE TO PRESSURE.

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

Spill Release Procedures:EVAC NONESSENTIAL. REMOVE IGNITION SOURCES.

STOP LEAK. NOTIFY FIRE/WATER SUPPLY/POLLUTION CONTROL AUTHORITIES. EQUIP W/ PROPER PROTECTION. COVER

SPILL W/FOAM. RESTRICT WATER USE.

LRG: DIKE/ IMPOUND SP ILL. SMALL: USE ABSORBENT. SHOVEL INTO SUITABLE

Neutralizing Agent:N/K DISPOSAL CONTAINERS. ON WATER, MAT'L IS SOLUBLE, WILL FLOAT.

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

Handling and Storage Precautions:KEEP AWAY FROM HEAT, FLAME. KEEP AWAY FROM CHILDREN. GROUND CONTAINERS & EQUIPMENT. EMPTY CONTAINERS ARE HAZARDOUS. DO NOT CUT OR WELD.

Other Precautions:N/K ATTEMPT TO CONTAIN AND RECOVER RAPIDLY TO PREVENT DISPERSION. MAY BE TOXIC TO AQUATIC LIFE.

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

Respiratory Protection:IF MATERIAL IS HANDLED AT ELEVATED TEMPERATURES OR UNDER MIST-FORMING CONDITIONS, NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS OPERATED IN A POSITIVE PRESSURE MODE SHOULD BE USED.

Ventilation:USE MAT'L WHEN GENERAL ROOM VENTILATION CONTROLS POTENTIAL EXPOS BELOW ANY HARMFUL LEVEL BASED ON MEDICAL SURVEILLANCE.

Pr

Protective Gloves:PROTECTIVE GLOVES.

Eye Protection:CHEM SPLASH GOGGLES, FACE MASK.

Other Protective Equipment:PROTECTIVE APRON AND FACE PROTECTION SHOULD BE WORN. CONTACT LENSES SHOULD NOT BE WORN. EQUIP-CLEANED AFTER EACH USE.

Work Hygienic Practices:GOOD PERSONAL HYGIENE. WASH HANDS BEFORE EAT, DRINK, SMOKE OR USING TOILET. TAKE SHOWER AFTER WORK USING SOAP/WATER.

Supplemental Safety and Health

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

HCC:F2

Boiling

Pt:B.P. Text:150 TO 302F

Vapor Density:> AIR

Evaporation Rate & Reference:SLOWER THAN ETHER.

Percent Volatiles by Volume:75

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

Waste Disposal Methods:CONTAM SOLIDS--LANDFILLED ONLY AT PROPERLY PERMITTED DISPOSAL SITES. CARE IS NECESSARY TO AVOID OVERLOAD/BIOASS POISONING. ASSURE BIOPANT EFFLUENT COMPLIANT W/APPLIC WATER POLLUTION CONTROL REGS. RE COMM: CONTAM MAT'L--REGARDED AS HAZARDOUS WASTE.

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