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RANDOLPH PRODUCTS CO -- 489G-A17043, 17043 GOLD A/D ENAMEL TT-E-489 CL A (SUPDAT) -- 8010-00-938-7724

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

Product ID:489G-A17043, 17043 GOLD A/D ENAMEL TT-E-489 CL A (SUPDAT)

MSDS Date:01/02/1998

FSC:8010

NIIN:00-938-7724 Status Code:A

MSDS Number: CJNMV === Responsible Party ===

Company Name: RANDOLPH PRODUCTS CO

Address:701 12TH ST

Box:830

City:CARLSTADT

State:NJ

ZΙ

P:07072-0830 Country:US

Info Phone Num:201-438-3700

Emergency Phone Num:800-255-3924

Preparer's Name:JHR

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: TOLUENE VP: 22 MMHG @ 20C

CAS:108-88-3

RTECS #:XS5250000

< Wt:10.

OSHA PEL:see Table Z-2

ACGIH TLV:188 MG/M3;50 PPM

EPA R

pt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:NAPHTHA, SOLVENT; (ALIPHATIC NAPHTHA) VP: 10 MMHG @ 20C

CAS:8052-41-3

RTECS #:WJ8925000

< Wt:40.

OSHA PEL:2900 MG/M3;500 PPM ACGIH TLV:525 MG/M3;100 PPM

Ingred Name: XYLENE VP: 10 MMHG @ 20C

CAS:1330-20-7

RTECS #:ZE2100000

< Wt:5.

ACGIH TLV:434 MG/M3;100 PPM ACGIH STEL:651 MG/M3;150 PPM

EPA Rpt Qty:1000 LBS DOT Rpt Qty:1000 LBS

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

Routes of Entry: Inhalation:YES Skin:YES

Ingestion:NO

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

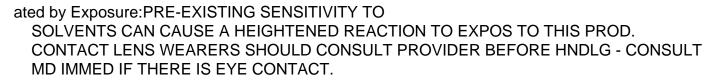
Health Hazards Acute and Chronic:TOLUENE APPEARS ON THE NAVY LIST OF OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS. SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST HAZARD LIST INFO AND SAFE HANDLING AND EXPOSUR E INFO . EFFECTS OF OVEREXPOSURE:CHRONIC HEALTH EFFECTS ARE POSSIBLE FROM LONG TERM EXPOSURE TO THIS MATERIAL, INCLUDING DRYING, CRACKING AND IRRITATION OF THE SKIN. REACTS W

ITH SKIN PROTEIN AND MOISTURE AND

CAN CAUSE RASH, SCALING OR BLISTERING. HIGH CONCENTRATIONS MAY CAUSE HEADACHES AND DIZZINESS, ARE ANESTHETIC, AND MAY HAVE OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH. (EFFECTS OF OVEREXPOSURE)

Effects of Overexposure:HEALTH HAZARDS: ABUSE OF TOLUENE VAPORS CLEARLY INDICATE THAT TOLUENE IS A DEVELOPMENTAL TOXICANT. IT IS KNOWN IN THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Medical Cond Aggrav



First Aid:INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING. CONSULT A PHYSICIAN. SKIN CONTACT: FLUSH WITH WATER. EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES.

CONSULT A P HYSICIAN. INGESTION: DO NOT INDUCE VOMITING. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION. SMALL AMOUNTS OF THE LIQUID ASPIRATED INTO THE RESPIRATORY SYSTEM DURING INGESTION OR FROM VOMITING MAY CAUSE CHEMICAL PNEUMONIA OR PULMONARY EDEMA.

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

Flash Point Method:SCC Flash Point:=4.4C, 40.F Lower Limits:0.9% Upper Limits:7.4%

Extinguishing Media: CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting P

rocedures:USE NIOSH APPROVED SCBA AND FULL PROTECTIVE EQUIPMENT INCLUDING FULL BUNKER GEAR IN FIRE AREA (HELMET WITH FACE SHIELD, BUNKER COAT, GLOVES, RUBBER BOOTS). WATER STREAM WILL SPREAD FIRE. DO NOT USE WATER HOSE STREAM.

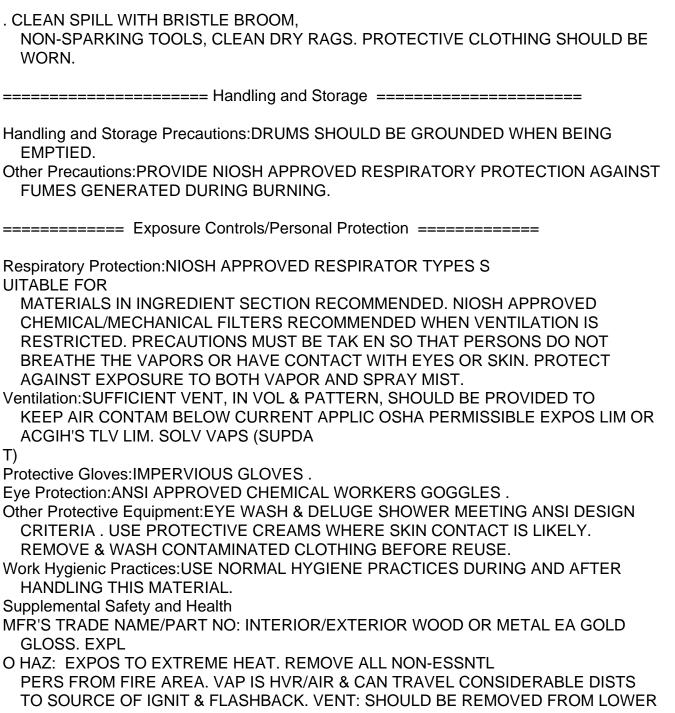
Unusual Fire/Explosion Hazard:FLAMMABILITY CLASSIFICATION: OSHA - FLAMMABLE LIQ - CLASS IB. DOT - FLAMMABLE LIQ OR SOLID. KEEP CNTNRS TIGHTLY CLOSED. ISOLATE FROM HEAT, SPARKS & OPEN FLAME. CLOSED CNTNRS MAY EXPLODE WHEN EXPOSED T O EXTREME HEAT.

WATER MAY BE USED

TO COOL CLOSED CNTNRS TO PVNT PRESS BUILD-UP & POSS AUTOIGNIT OR EXPLO WHEN (SUPDAT)

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

Spill Release Procedures: AVOID BREATHING SOLVENT VAPOR. ENSURE ADEQUATE VENTILATION. AVOID SPARKS, FLAMES AND ANYTHING WHICH COULD CAUSE FIRE. ELIMINATE SOURCE OF SPILL IF YOU CAN DO SO WITHOUT RISK BY CLOSING VALVE, PLUGGING HOLE, ETC. APPLY ABSORBENT INERT MATERIAL (SAND, DUST, VERMICULITE) TO SPILL



O HAZ: EXPOS TO EXTREME HEAT. REMOVE ALL NON-ESSNTL LEVELS OF WORK AREA & IGNIT SOURCES SHOULD BE ELIM.

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

HCC:F3

Boiling Pt:>110.C, 230.F B.P. Text:230-390F

Vapor Pres:SEE INGREDIENTS

Vapor Density:HVR/AIR

Spec Gravity: 1.02

Appearance and Odor:THING GOLD LIQUID; TYPICAL SOLVENT ODO

Percent Volatiles by Volume:62.4
========= Stability and Reactivity Data =========
Stability Indicator/Materials to Avoid:YES NONE KNOWN. Stability Condition to Avoid:THIS PRODUCT IS STABLE UNDER NORMAL STORAGE CONDITIONS. AVOID STRONG OXIDIZERS, ACIDS AND ALKALIES. Hazardous Decomposition Products:THERMAL DECOMPOSITION RELEASES CARBON MONOXIDE AND/OR CARBON DIOXIDE. Conditions to Avoid Polymerization:WILL NOT OCCUR UNDER NORMAL CONDITIONS.
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Waste Disposal Methods:SOAK LIQS W/SAWDUST OR RAGS & REMOVE. FLUSH W/ WATER IF POSS. AVOID SKIN CONTACT. DISPOSAL SHOULD BE I/A/W LOCAL, STATE & FEDERAL REGS. DO NOT INCINERATE, CUT OR WELD EMPTY CNTNRS. WHEN DISCARDED THIS MATL IS A HAZ WASTE. TRANSFER LIQ TO CNTNRS FOR RECOVERY OR DISPOSAL. EPA HAZ WASTE CODE F003 HAZ W ASTE CHARACTERISTICS. IGNITABILITY. ===================================
SARA Title III Information:THIS PRODUCT CONTAINS ONE OR MORE MATERIALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND THE COMMUNITY RIGHT-TO-KNOW ACTS OF 1986 AND OF 40 CFR 372: TOLUENE, XYLE NE. State Regulatory Information:
========== Other Information =============
Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department of Defense.

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