

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

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Product Identification  
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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

Z

IP: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

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Composition/Information on Ingredients  
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Ingred Name:TOLUENE VP: 22 MMHG @ 20C

CAS:108-88-3

RTECS #:XS5250000

&lt; Wt:10.

OSHA PEL:see Table Z-2

ACGIH TLV:188 MG/M3;50 PPM

EPA

Rpt Qty:1000 LBS  
DOT Rpt Qty:1000 LBS

Ingred Name:NAPHTHA, SOLVENT; (ALIPHATIC NAPHTHA) VP: 10 MMHG @ 20C  
CAS:8052-41-3  
RTECS #:WJ8925000  
&lt; 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  
&lt; 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

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

Routes of Entry: Inhalation:YES Skin:YE  
S 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  
WITH 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 Aggra

vated by Exposure:PRE-EXISTING SENSITIVITY TO  
SOLVENTS CAN CAUSE A HEIGHTENED REACTION TO EXPOS TO THIS PROD.  
CONTACT LENS WEARERS SHOULD CONSULT PROVIDER BEFORE HNDLG - CONSULT  
MD IMMED IF THERE IS EYE CONTACT.

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First Aid Measures  
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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.

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Fire Fighting Measures  
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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

Procedures: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)

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Accidental Release Measures  
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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 SPIL

L. CLEAN SPILL WITH BRISTLE BROOM,  
NON-SPARKING TOOLS, CLEAN DRY RAGS. PROTECTIVE CLOTHING SHOULD BE  
WORN.

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Handling and Storage  
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Handling and Storage Precautions:DRUMS SHOULD BE GROUNDED WHEN BEING  
EMPTIED.

Other Precautions:PROVIDE NIOSH APPROVED RESPIRATORY PROTECTION AGAINST  
FUMES GENERATED DURING BURNING.

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Exposure Controls/Personal Protection  
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Respiratory Protection:NIOSH APPROVED RESPIRATOR TYPES  
SUITABLE FOR

MATERIALS IN INGREDIENT SECTION RECOMMENDED. NIOSH APPROVED  
CHEMICAL/MECHANICAL FILTERS RECOMMENDED WHEN VENTILATION IS  
RESTRICTED. PRECAUTIONS MUST BE TAK EN SO THAT PERSONS DO NOT  
BREATHE THE VAPORS OR HAVE CONTACT WITH EYES OR SKIN. PROTECT  
AGAINST EXPOSURE TO BOTH VAPOR AND SPRAY MIST.

Ventilation:SUFFICIENT VENT, IN VOL & PATTERN, SHOULD BE PROVIDED TO  
KEEP AIR CONTAM BELOW CURRENT APPLIC OSHA PERMISSIBLE EXPOS LIM OR  
ACGIH'S TLV LIM. SOLV VAPS (SUPD

AT)

Protective Gloves:IMPERVIOUS GLOVES .

Eye Protection:ANSI APPROVED CHEMICAL WORKERS GOGGLES .

Other Protective Equipment:EYE WASH & DELUGE SHOWER MEETING ANSI DESIGN  
CRITERIA . USE PROTECTIVE CREAMS WHERE SKIN CONTACT IS LIKELY.  
REMOVE & WASH CONTAMINATED CLOTHING BEFORE REUSE.

Work Hygienic Practices:USE NORMAL HYGIENE PRACTICES DURING AND AFTER  
HANDLING THIS MATERIAL.

Supplemental Safety and Health

MFR'S TRADE NAME/PART NO: INTERIOR/EXTERIOR WOOD OR METAL EA GOLD  
GLOSS. EXP

LO HAZ: EXPOS TO EXTREME HEAT. REMOVE ALL NON-ESSNTL

PERS FROM FIRE AREA. VAP IS HVR/AIR & CAN TRAVEL CONSIDERABLE DISTS  
TO SOURCE OF IGNIT & FLASHBACK. VENT: SHOULD BE REMOVED FROM LOWER  
LEVELS OF WORK AREA & IGNIT SOURCES SHOULD BE ELIM.

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Physical/Chemical Properties  
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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 OD

OR.

Percent Volatiles by Volume:62.4

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

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.

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===== Regulatory Information =====  
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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:

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===== Other Information =====

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