

HEWLETT PACKARD CO -- 17244Y (YELLOW), TONER (PRE-MIXED) FOR (SUP D

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MSDS Safety Information
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FSC: 7510
NIIN: 01-397-2680
MSDS Date: 02/05/1992
MSDS Num: CGZMJ
Product ID: 17244Y (YELLOW), TONER (PRE-MIXED) FOR (SUP DAT)
MFN: 01
Responsible Party
Cage: HEWLE
Name: HEWLETT PACKARD CO
Address: 16399 WEST BERNARDO
DR
City: SAN DIEGO CA 92127-1899
Info Phone Number: 619-487-4100
Emergency Phone Number: 619-487-4100
Preparer's Name: MARV KOZAI
Proprietary Ind: Y
Published: Y

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Contractor Summary
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Cage: HEWLE
Name: HEWLETT PACKARD COMPANY
Address: ROUTE 41
City: AVONDALE PA 19311-0900
Phone: 215-268-2281
Cage: 18660
Name: HEWLETT-PACKARD CO BOISE DIV
Address: 11311 CHINDEN BLVD
City: BOISE ID 83714

Phone: 208-396-6000

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Item Description Information
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Item Name: INK,PRINTING,CARTRIDGE

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Ingredients
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Name: *** PROPRIETARY ***

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Health Hazards Data
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LD50 LC50 Mixture: LD50 (ORAL RAT): > 5000 MG/KG.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: ACUTE: INGEST: EVEN THOUGH ACUTE TOXICITY IS VERY LOW, SMALL AMTS ASPIRATED INTO LUNGS DURING INGEST MAY CAUSE MILD TO SEV PULM INJURY & POSS DEATH. INHAL: SOLV MFR REC EXPOS LIM OF 300 PPM (1800 MG/M3) AVERAGE OVER AN 8 HR WORKDAY. SKIN: IRRIT. PRLNG/RPTD CONT TENDS TO REMOVE SKIN OILS POS

S LEADING TO (EFTS OF OVEREXP)

Explanation Of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ: IRRIT & DERM. HOWEVER, BASED ON HUMAN EXPERIENCE & AVAIL TOXICOLOGICAL DATA, THIS PROD IS JUDGED TO BE NEITHER "CORR" NOR "IRRIT" BY OSHA STANDARDS. EYES: MAY CAUSE IRRIT. SIGNS & SYMPS: COL ORANTS IN SOME TONERS MAKE EXPOS EASY TO DETECT. EYES: MAY CAUSE IRRIT. SKIN: TONERS NOT TOX. MAY CAUSE IRRIT. (SUP DAT)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WARM WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CALL MD. SKIN: WASH AFFECTED AREA WITH SOAP AND WATER. INHALATION: MOVE TO FRESH AIR AND CALL MD. INGESTION: DO NOT INDUCE VOMITING. CALL LOCAL POISON CONTROL CENTER.

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Handling and Disposal

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Spill Release Procedures: EVACUATE PEOPLE IN SPILL AREA. SHUT OFF & ELIM

ALL IGNIT SOURCES. IF POSS, RECOVER FREE PROD WHILE MIN SKIN CONT & BRTHG VAPS. ABSORB REMAINING MATL W/SAND, DIRT/SPILL ABSORB & TRANSFER TO CLSD CONTRS . VENT SPILL AREA BY OPENING DOORS & (SUP DAT)

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: SPENT TONER IS DESIGNATED AS HAZ WASTE UNDER US FED LAW BECAUSE IT EXHIBITS CHARACT OF IGNITABILITY. DISP OF I/A/W ALL APPLIC FED, STATE & LOC LAWS. A GUIDE TO TONER DISP IS AVAIL FR

OM MFR FIRST, AUTO

MATED FAX TRANSMITTAL SYS. TO OBTAIN A (SUP DAT)

Handling And Storage Precautions: KEEP OUT OF THE REACH OF CHILDREN. AVOID CONTACT BETWEEN TONER AND EYES, SKIN OR CLOTHING. KEEP CONTAINERS CLOSED WHEN NOT IN USE.

Other Precautions: HOUSEHOLD LAUNDRY DETERGENTS ARE NOT EFFECTIVE IN REMOVING TONER STAINS. KEEP IGNIT SOURCES AWAY FROM AREAS WHERE TONER IS IN USE AND/OR STOR. TO PREVENT EXPLO RISK FROM STATIC DISCHARGE DURING PROD T RANSFER, GROUND METAL STOR CONTAINER

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Fire and Explosion Hazard Information
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Flash Point Method: TCC

Flash Point Text: 100F,38C

Lower Limits: 0.8%

Upper Limits: 7%

Extinguishing Media: WATER SPRAY (FOG), DRY CHEMICAL, CARBON DIOXIDE, FOAM.

Fire Fighting Procedures: WEAR NIOSH APPRVD SCBA & FULL PROT EQUIP (FP N).

USE WATER SPRAY TO COOL FIRE-EXPOSED CONTRS & TO PROT PERS. AVOID
SPREADING WATER DIRECTLY INTO

STOR (SUP DAT)

Unusual Fire/Explosion Hazard: COMBUSTIBLE LIQUID. CAN FORM COMBUSTIBLE
MIXTURES AT TEMPERATURES AT OR ABOVE THE FLASHPOINT.

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Control Measures
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Respiratory Protection: NOT RECOMMENDED EXCEPT FOR PERSONNEL INVOLVED IN A
SPILL CLEANUP. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF
CONCERN (FP N).

Ventilation: USE ONLY W/VENT SUFFICIENT TO PVNT EXCEEDING R
EC EXPOS LIM &

TO PVNT BUILD-UP OF EXPLO CONCS IN AIR.

Protective Gloves: CHEMICAL RESISTANT GLOVES.

Eye Protection: ANSI APPRVD CHEM WORKERS GOGGLES (FP N).

Other Protective Equipment: EMERGENCY EYEWASH AND DELUGE SHOWER MEETING ANSI
DESIGN CRITERIA (FP N). CHEMICAL RESISTANT APRON.

Work Hygienic Practices: RAPID REMOVAL OF TONER W/WATERLESS HAND CLEANERS PVNTS
IRRIT & MAY REDUCE STAINING. TO REMOVE INK, DRY-CLEAN CLOTHING.

Supplemental Safety and Health: TRADE NAME/PART #: ELECTROSTA
TIC PLOTTERS. FIRE

FIGHT PROC: CONTRS DUE TO BOILOVER. EFTS OF OVEREXP: INGEST: MAY RSLT IN
GASTRIC DISTURBANCES. SPILL PROC: WINDOWS. ADVISE AUTH IF PROD HAS
ENTERED/MAY ENTER SEWERS/WATERCOURSES. WASTE DISP METH: COPY, CALL
(208)344-4809 FROM GROUP 3 FAX MACHINE & REQUEST DOCUMENT #5510.

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Physical/Chemical Properties
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B.P. Text: >311F,>155C

Vapor Pres: <10 @ 25C

Vapor Density: 5.0
Spec Gravity: 0.75-0.82
Solubility in Water: NEGLIGIBLE (
Appearance and Odor: COLORED LIQUID, FAINT PETROLEUM ODOR

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Reactivity Data
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Stability Indicator: YES
Stability Condition To Avoid: STORE AWAY FROM HEAT AND IGNITION SOURCES.
Materials To Avoid: STRONG OXIDIZERS (CHLORINE, SODIUM HYPOCHLORITE, CALCIUM
HYPOCHLORITE, CHROMIC ACID).
Hazardous Decomposition Products: IN THE CASE OF INCOMPLETE COMBUSTION, CARBON
MONOXIDE, ALDEHYDES, COMPLEX SOOT AND SMOKE.
Hazardous Polymerization Indicator: NO
Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information
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Ecological Information
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MSDS Transport Information
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Regulatory Information
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Other Information
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Transportation Information
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Responsible Party Code: HEWLE
Trans ID NO: 133685
Product ID: 17244Y (YELLOW), TONER (PRE-MIXED) FOR (SUP DAT)
MSDS Prepared Date: 02/05/1992
Review Date: 10/23/1997
MFN: 1
Multiple KIT Number: 0
Review IND: Y

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Detail DOT Information
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DOT PSN Code: GJL
Symbols: G
DOT Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.
Hazard Class: 3
UN ID Num: UN1993
DOT Packaging Group: III
Label:

FLAMMABLE LIQUID

Special Provision: B1,B52,T7,T30

Packaging Exception: 150

Non Bulk Pack: 203

Bulk Pack: 242

Max Qty Pass: 60 L

Max Qty Cargo: 220 L

Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: HIA

IMO Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. o

IMDG Page Number: 3345

UN Number: 1993

UN Hazard Class: 3.3

IMO Packaging Group: III

Subsidiary Risk Label: -

EMS Number: 3-0

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MED First Aid Guide NUM: T

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Detail IATA Information
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IATA PSN CA

IATA UN ID Num: 1993

IATA Proper Shipping Name: FLAMMABLE LIQUID, N.O.S. *

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

UN Packing Group: III

Packing Note Passenger: 309

Max Quant Pass: 60L

Max Quant Cargo: 220L

Packaging Note Cargo: 310

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Detail AFI Information
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AFI PSN CA

AFI Symbols: *

AFI Proper Shipping Name: FLAMMABLE LIQUIDS, N.O.S.

AFI Hazard Class: 3

AFI UN ID NUM: UN1993

AFI Packing Group: III

Special Provisions: P5

Back Pack Reference: A7.3

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HAZCOM Label
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Product ID: 17244Y (YELLOW), TONER (PRE-MIXED) FOR (SUP DAT)

Cage: HEWLE

Company Name: HEWLETT PACKARD COMPANY

Street: ROUTE 41

C

ity: AVONDALE PA
Zipcode: 19311-0900
Health Emergency Phone: 619-487-4100
Label Required IND: Y
Date Of Label Review: 09/03/1997
Status Code: C
Label Date: 09/03/1997

Origination
Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: WARNING
Respiratory Protection IND: YES
Health Hazard: Slight
Contact Hazard: Slight
Fire Hazard: Moderate
Reactivity Hazard: None

Hazard And Precautions: COMBUSTIBLE ACUTE: INGESTION: EVEN THOUGH ACUTE
TOXICITY IS VERY LOW, SMALL AMOUNTS ASPIRATED INTO LU
NGS DURING INGESTION MAY

CAUSE MILD TO SEVERE PULMONARY INJURY AND POSSIBLY DEATH. INHALATION: SOLV
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OVER AN 8 HOUR WORKDAY. SKIN: IRRITATION. PROLONGED OR REPEATED CONTACT TENDS
TO REMOVE SKIN OILS POSSIBLY LEADING TO IRRITATION AND DERMATITIS. EYES: MAY
CAUSE IRRITATION. CHRONIC: NONE SPECIFIED BY MANUFACTURER.

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