

HEWLETT-PACKARD CO,CORPORATE HQ -- 5083-5072 ELECTRON TUBE -- 5960-01-212-4227  
===== Product Identification =====

Product ID:5083-5072 ELECTRON TUBE

MSDS Date:01/06/1998

FSC:5960

NIIN:01-212-4227

MSDS Number: CFYZS

=== Responsible Party ===

Company Name:HEWLETT-PACKARD CO,CORPORATE HQ

Address:3000 HANOVER ST

City:PALO ALTO

State:CA

ZIP:94304-1112

Country:US

Info Phone Num:415-857-1501/FOR MSDS 80

0-468-8347

Emergency Phone Num:415-857-1501

CAGE:28480

=== Contractor Identification ===

Company Name:HEWLETT-PACKARD CO, CORPORATE HQ

Address:3000 MINUTEMAN RD

Box:City:ANDOVER

State:MA

ZIP:01810-1032

Country:US

Phone:404-648-8754/FAX: 800-947-3299

CAGE:28480

Company Name:HEWLETT-PACKARD; MIDWEST SALES REGION

Address:4887 WASHINGTON VILLAGE DRIVE

Box:City:DAYTON

State:OH

ZIP:45459

Country:US

Phone:513-433-2223

CAGE:3B868

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

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Ingredient Name:LEAD OXIDE  
CAS:1309-60-0  
RTECS #:OG0700000  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ELECTRON TUBE DOES NOT CONTAIN ANY  
RADIOACTIVE MATERIAL.GLASS CONTAINS LEAD OXIDE.SERIOUS HAZARD DOES  
EXIST IN THE OPERATION OF ALL ELECTRON TUBES,SUCH AS HIGH  
VOLTAGE,X-RAY EMISSION WHEN DE  
VICE IS OPERATED AT OR ABOVE 12  
KILOVOLT RANGE,RF-RADIATION.EXPOSURE TO ABOVE CONDITIONS MAY CAUSE  
SERIOUS BODY INJURY OR DEATH.  
Effects of Overexposure:BLINDNESS, ELECTRIC SHOCK, BURNS, BODY INJURY  
OR DEATH.  
Medical Cond Aggravated by Exposure:CARDIAC PACE MAKERS ARE AFFECTED BY  
RF-RADIATION.

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

First Aid:TURN OFF ELECTRIC POWER, UNPLUG DEVICE AND SEEK MEDICAL HELP  
IMMEDIATELY. DO NOT USE FAULTY TUBES.

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

Fire Fighting Procedures:FIRE FIGHTERS SHOULD WEAR PROTECTIVE CLOTHING  
AND SELF-CONTAINED BREATHING APPARATUS.  
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:WEAR GLOVES PICK UP TUBES TRANSFER TO PLASTIC  
BAGS AND RETURN TO MANUFACTURER OR SEND IT FOR PROPER DISPOSAL.

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

Hand

ling and Storage Precautions:HANDLE WITH CARE AVOID EXCESSIVE SHOCK OR VIBRATION. OBSERVE "THIS SIDE UP" INSTRUCTIONS.

Other Precautions:AVOID PHYSICAL DAMAGE TO TUBES.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL CONDITIONS.

Ventilation:GENERAL

Protective Gloves:VINYL

Eye Protection:NONE

Other Protective Equipment:FIRE EXTINGUISHERS TO FIGHT ELECTRIC FIRE WHEN USING THIS DEVICE.

Work Hygienic Practices:WASH HANDS AFTER USE.

Supplemental Safety and Health

THERE ARE NO HAZARDS AS SUCH WHEN HANDLING THESE TUBES. BUT WHEN USING IN DEVICES PRECAUTIONS HAVE TO BE TAKEN AGAINST EXPOSUE TO X-RAY, RF RADIATION, IMPLOSION HAZARD, HOT SURFACES AND ELECTRIC SHOCK .

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

HCC:N1

Appearance and Odor:ELECTRON TUBE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condit

ion to Avoid:NONE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:RETURN TO MANUFACTURER OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. GLASS CONTAINS LEAD OXIDE.

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