

MPD, INC. -- ELECTRON VACUUM TUBE(S) -- 5960-00-107-7585

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Product Identification  
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Product ID:ELECTRON VACUUM TUBE(S)

MSDS Date:03/15/1994

FSC:5960

NIIN:00-107-7585

MSDS Number: BXYCH

=== Responsible Party ===

Company Name:MPD, INC.

Address:316 E 9TH ST.

City:OWENSBORO

State:KY

ZIP:42301-2312

Country:US

Info Phone Num:502-685-6200

Emergency Phone Num:502-685-6200

CAGE:KO090

=== Contractor

Identification ===

Company Name:MPD INC.(FORMERLY GENERAL ELECTRIC CO)

Address:316 E 9TH STREET

City:OWENSBORO

State:KY

ZIP:42303-2312

Country:US

Phone:502-685-6200

CAGE:33173

Company Name:MPD, INC.

Address:316 E 9TH ST.

Box:City:OWENSBORO

State:KY

ZIP:42301-2312

Country:US

Phone:502-685-6200

CAGE:KO090

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Composition/Information on Ingredients  
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Ingred Name:RHENIUM 187 (COMPOSES 2% OF THE HEATER WIRE FILAMENT)

Other REC Limits:NONE RECOMMENDED

Ingred Name:TUNGSTEN (

INGREDIENTS 2 & 3 COMPRISE THE BALANCE OF THE  
COMPOSITION OF THE HEATER FILAMENT WIRE).

CAS:7440-33-7

RTECS #:YO7175000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3

ACGIH TLV:5 MG/M3

Ingred Name:RHENIUM 185 (NOT RADIOACTIVE-INGRED 2+ 3 COMPRISE THE  
BALANCE OF THE HEATER FILAMENT WIRE)

Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IAR

C:NO OSHA:NO

Health Hazards Acute and Chronic:ELECTRON TUBES OPERATE AT HIGH  
TEMPERATURES AND MAY CAUSE SKIN BURNS.

Explanation of Carcinogenicity:THERE ARE NO INGREDIENTS ABOVE 0.1%  
WHICH ARE IDENTIFIED AS CARCINOGENS BY NTP,IARC OR OSHA.

Effects of Overexposure:SKIN:THERMAL BURNS.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:NO EMERGENCY CARE IS ANTICIPATED.

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

Flash Point:NONE

Extinguishing Media:THIS ITEM IS NOT FLAMMABLE.

Fire Fighting Procedures:NO SPECIAL REQUIREMENTS.

Unusual Fire/Explosion Hazard:THE ELECTRON TUBE IS UNDER VACUUM;IT MAY  
IMPLODE UNDER FIRE CONDITIONS.

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

Spill Release Procedures:NOT REPORTED.

Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storag

e Precautions:NO SPECIAL REQUIREMENTS  
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NOT NEEDED IN NORMAL SERVICE.  
Ventilation:NOT NEEDED IN NORMAL SERVICE.  
Protective Gloves:COTTON  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NONE  
Work Hygienic Practices:USE REASONABLE CARE IN HANDLING THIS  
PRODUCT.WASH HANDS AFTER USE AND BEFORE EATING.  
Supplemental Safety and Health  
NONE

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

HCC:A2  
Solubility in Water:INSOLUBLE  
Appearance and Odor:SEALED GLASS TUBE,NO ODOR.

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

Stability Indicator/Materials to Avoid:YES  
NONE SPECIFIED BY MANUFACTURER.  
Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.  
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal  
Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL,STATE AND  
LOCAL REGULATIONS.

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