

MPD INC.(FORMERLY GENERAL ELECTRIC CO) -- ELECTRON VACUUM TUBES -- 5960-00-062-4894  
===== Product Identification =====

Product ID:ELECTRON VACUUM TUBES  
MSDS Date:03/15/1994  
FSC:5960  
NIIN:00-062-4894  
MSDS Number: CCLMS  
=== Responsible Party ===  
Company Name:MPD INC.(FORMERLY GENERAL ELECTRIC CO)  
Address:316 E 9TH STREET  
City:OWENSBORO  
State:KY  
ZIP:42301-2312  
Country:US  
Info Phone Num:502-685-6200  
E  
mergency Phone Num:502-685-6200  
CAGE:33173  
=== 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

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

Ingred Name:RHENIUM 187 (COMPOSITION OF INTERNAL HEATER WIRE FILAMENTS)  
(SPEC ACTIVITY 0.00445MICROCURIE/GRAM).  
Fraction by Wt: 2%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:TUNGSTEN INCL  
UDING INGRED #3. (NOT RADIOACTIVE)  
CAS:7440-33-7  
RTECS #:YO7175000  
Fraction by Wt: BALANCE  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:5 MG/M3  
ACGIH TLV:5 MG/M3

Ingred Name:RHENIUM 185 INCLUDING INGREDIENTS #2 (NOT RADIOACTIVE).  
Fraction by Wt: SEE #2%  
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:

NO OSHA:NO

Health Hazards Acute and Chronic:MAY CAUSE MINOR SKIN BURNS. ELECTRON TUBES OPERATE @TEMP THAT CAN PRODUCE BURNS TO SKIN IF CONTACT IS MADE.

Effects of Overexposure:ELECTRONG TUBES OPERATE @TEMPS THAT CAN PRODUCE BURNS TO SKIN IF CONTACT IS MADE.

Medical Cond Aggravated by Exposure:NONE KNOWN.

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

First Aid:NO EMERGENCY CAR ANTICIPATED.

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

Flash Point:NA

Autoignition Temp:Autoignition Temp Text:NA

Lower Limits:NA

Upper Limits:NA

Extinguishing Media:MATERIAL IS NON-FLAMMABLE.

Fire Fighting Procedures:NONE.

Unusual Fire/Explosion Hazard:ELECTRON TUBES OPERATE UNDER HIGH VACUUM & IMPLOSION COULD OCCUR @HIGH TEMP DURING FIRES OR DURING DISPOSAL PROCEDURES.

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

Spill Release Procedures:NONE.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:NONE

Other Precautions:CALCULATED SPECIFIC ACTIVITY OF FILAMENT IS 0.000089MICROCURIE/GRAM.IF VIEWED FROM TOTAL MASS THE TUBE ITSELF WOULD HAVE EVEN LOWER SPECIFIC ACTIVITY.MILHBDK 600 SPECIFIES MATL CONSIDERED RADIOACTIVE, IONIZING RADIATION MUST EXCEED (SUPPLEM)

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

Respiratory Protection:NONE

Ventilation:NONE

Protective Gloves:COTTON.

Eye Protection:SAFETY GLASSES.

Other Protective Equipment:NONE

Work Hygienic Practices:NONE

Supplemental Safety and Health

OTHER PRECAUT:0.002MICROCURIE/GRAM;THEREFORE PRODUCT NOT RADIOACTIVE &  
THEREFORE NOT HAZARDOUS.

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

HCC:A2

Boiling Pt:B.P. Text:NA

Melt/Freeze Pt:M.P/F.P Text:NA

Decomp Temp:Decomp Text:NP

Vapor Pres:NA

Vapor Density:NA

Spec Gravity:NA

pH:NP

Viscosity:NP

Evaporation Rate & Reference:NA

Solubility in W

ater:NONE.

Appearance and Odor:GLASS ENVELOPE, NO ODOR.

Percent Volatiles by Volume:NP

Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES

NONE.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE  
FED/STATE/LOC REGULATIONS.

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