

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:502-685-620

0

Emergency 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 I

NCLUDING 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 IA

RC: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.

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

First Aid:NO EMERGENCY CAR ANTICIPATED.

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

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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.

===== 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)

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

Respiratory Protection:NONE

Ventilation:NONE

Protective Gloves:COTTO

N.  
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 i  
n Water: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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