

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

=====  
Product Identification  
=====

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

=== Contracto

r 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

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

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 IA

RC: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 Stora

ge 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.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume re

sponsibility for the suitability of this information to their particular situation.