

MPD INC.(FORMERLY GENERAL ELECTRIC CO) -- 6005W ELECTRON TUBES -- 5960-00-134-6073

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Product Identification  
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Product ID:6005W ELECTRON TUBES

MSDS Date:12/03/1986

FSC:5960

NIIN:00-134-6073

MSDS Number: CBSXS

=== 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

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ergency Phone Num:502-685-6200

Preparer's Name:C.W. MATTINGLY

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

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Composition/Information on Ingredients  
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Ingred Name:RHENIUM 187

Fraction by Wt: 2%

Other REC Limits:NONE RECOMMENDED

Ingred Name:TUNGSTEN

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 (NON-RADIOACTIVE)  
Other REC Limits:NONE RECOMMENDED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ELECTRON TUBES OPERATE AT TEMPERATURES  
THAT CAN PRODUCE BURNS TO SKIN IF CONTACT MADE. DLA-HMIS:  
RADIATION-SIGNIFIGANT EXPOSURE TO A RADIONUCLIDE MAY CAUSE CANCER;

EXTREMELY DOUBTFUL IN THE CASE OF TH IS ELECTRON TUBE.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GRATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:RADIATION-IF EXPOSURE IS SUSPECTED TO A  
RADIONUCLIDE, SEEK MEDICAL ATTENTION IMMEDIATELY.  
Medical Cond Aggravated by Exposure:HEALING OF PRE-EXISTING DAMAGED  
TISSUES MAY BE PROLONGED.

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

First Aid:DLA-HMIS:  
INHALED-MOVE TO FRESH AIR. GIVE RESPIRATORY SUPPORT  
AS NEEDED. IF SYMPTOMS DEVELOP, SEE DOCTOR. SKIN-IMMEDIATELY FLUSH  
WITH WATER FOR 15 MINUTES. EYES-IMMEDIATELY FLUSH WITH WATER FOR 15  
MIN UTES. REMOVE PERSON TO FRESH AIR. INGESTION-GET IMMEDIATE  
MEDICAL ATTENTION.

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

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.  
Fire Fighting Procedures:DLA-HMIS-WEAR SELF-CONTAINED BREATHING  
APPARATUS AND FU  
LL PROTECTIVE GEAR.  
Unusual Fire/Explosion Hazard:ELECTRON TUBES UNDER HIGH VACUUM &  
IMPLOSION COULD OCCUR AT HIGH TEMPERATURES DURING FIRES.

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

Spill Release Procedures:DLA-HMIS: WHEN HANDLING BROKEN TUBES WEAR  
RUBBER GLOVES AND CLOTHING. PICK-UP BROKEN TUBES WITH FORCEPS,  
TONGS OR SIMILAR DEVICES AND PLACE IN A CONTAINER FOR LATER  
DISPOSAL.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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== Handling and Storage =====

Handling and Storage Precautions:DLA-HMIS: PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:DLA-HMIS: TUBES ARE SEALED SOURCES AND NORMAL HANDLING DOES NOT PRESENT A RADIATION PROBLEM.

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

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR WITH HEPA CARTRIDGE IF TUBES ARE BROKEN. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:RUBBER GLOVES IF PICKING UP BROKEN TUBE

Eye Protection:SAFETY GLASSES IF PICKING UP BROKEN TUBE

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER IN THE EVENT OF A SPILL.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

MSDS PRESENTED TO DSCC (DESC) FOR CONTRACT NUMBER DLA900-86-B-3642.

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

HCC:A2

Appearance and

Odor:SEALED GLASS TUBE CONTAINING A MINUTE AMOUNT OF RADIOACTIVE MATERIAL.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:NO NONE.

Stability Condition to Avoid:NONE.

Hazardous Decomposition Products:NONE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH TITLE 10 CODE OF FEDERAL REGULATIONS, DOD REGULATIONS, AND APPLICABLE

STATE

REGULATIONS FOR THE DISPOSAL OF RADIOACTIVE MATERIALS.

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