

MPD INC. -- 7077 ELECTRON-VACUUM TUBE -- 5960-00-688-6706

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Product Identification
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Product ID:7077 ELECTRON-VACUUM TUBE

MSDS Date:08/15/1990

FSC:5960

NIIN:00-688-6706

MSDS Number: BFLTY

=== 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:LO825

=== Contract

or Identification ===

Company Name:MPD INC.

Address:316 E 9TH ST

Box:City:OWENSBORO

State:KY

ZIP:42301-2312

Country:US

Phone:502-685-6200

CAGE:LO825

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: 1.89%

Other REC Limits:NONE SPECIFIED

Ingred Name:RHENIUM 187 EMITS 0.008 MEV BETA

PARTICLES.

TUNGSTEN-RHENIUM ALLOY HAS SPECIFIC ACTIVITY OF 0.00008
MICROCURIES/GRAM.

RTECS #:9999999ZZ

Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ELECTRON VACUUM TUBES OPERATE AT HIGH
TEMPERATURES THAT MAY CAUSE MINOR HEAT RELATED BURNS TO SKIN IF
CONTACT IS MADE.

Effects of Overexposure:MINOR HEAT RELATED BURNS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:NO EMERGENCY CARE ANTICIPATED.

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

Extinguishing Media:NON-FLAMMABLE. USE EXTINGUISHING MEDIA APPROPRIATE
FOR SURROUNDING FIRE.
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER.
Unusual Fire/Explosion Hazard:ELECTRON VACUUM TUBES OPERATE UNDER
HIGH
VACUUM AND IMPLOSION COULD OCCUR AT HIGH TEMPERATURE.

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

Spill Release Procedures:HANDLE BROKEN TUBES WITH GLOVES AND FORCEPS.
WEAR PROTECTIVE CLOTHING.

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

Handling and Storage Precautions:NONE SPECIFIED BY MANUFACTURER.
Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory

Protection:NONE SPECIFIED BY MANUFACTURER. ISE GAS MASK.

Protective Gloves:COTTON

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

TUBE CONTAINS RADIOACTIVE RHENIUM-187. MAXIMUM POSSIBLE ACTIVITY PER ARTICLE IS 0.00000046 MICROCURIE. THESE ARTICLES ARE EXCEPTED FROM RADIOACTIVE LABELING AND NOTIFICATION REQUIREMENTS PER DAC #88-1 4, 252, 223-7005, MIL-STD-12

9, ICC ATA-111.1, 173.422, AND MIL-HBDK-6000.

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

HCC:A2

Appearance and Odor:WHITE CERAMIC AND GOLD METAL. NO ODOR.

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

Stability Indicator/Materials to Avoid:YES

NONE

Hazardous Decomposition Products:NONE

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

Waste Disposal Methods:BROKEN OR SPENT TUBES SHOULD BE DISPOSED OF AS SPECIFIED IN

PARAGRAPH 20.301,10CFR PART 20,CODE OF FEDERAL REGULATIONS.IF PROPER DISPOSAL PRESENTS A PROBLEM,RETURN TO MANUFACTURER.COMPLY WITH APPLICABLE FEDERAL,STATE AND LOCAL ENVIRONMENTAL REGULATIONS

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