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COMMUNICATIONS AND POWER INDUSTRIES INC -- VMX1611 -- 5960-01-065-5332

Product ID:VMX1611 MSDS Date:09/14/1998

FSC:5960

NIIN:01-065-5332 Status Code:A

MSDS Number: CJDNK === Responsible Party ===

Company Name: COMMUNICATIONS AND POWER INDUSTRIES INC

Address:150 SOHIER RD

City:BEVERLY

State:MA

ZIP:01915-5595

Country:US

Info Phone Num:978-922-6000

Emergency Phone Nu m:978-922-6000

Preparer's Name: FRANK E. TROJAN

CAGE:88236

=== Contractor Identification ===

Company Name: COMMUNICATIONS AND POWER INDUSTRIES INC

Address:150 SOHIER RD

City:BEVERLY

State:MA

ZIP:01915-5595 Country:US

Phone: 978-922-6000 EXT.285 Contract Num: N00104-96-G-A411

CAGE:88236

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

Ingred Name:BERYLLIUM

CAS:7440-41-7

RTECS #:DS1750000 OSHA PEL:see Table Z-2 ACGIH TLV:0.002 MG/M3

Ingred Name:BERYLLIUM OXIDE

CAS:1304-56-9

RTE

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

Spill Release Procedures: NOT APPLICABLE.

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

Handling and Storage Precautions: DEVICE IS ELECTRON TUBE WHICH CONTAINS PERMANENT

MAGNETIC FIELD WHICH DOES NOT EXCEED LIMITS SPECIFIED IN 49 CFR 173.21(D). PROPER USE AND SAFE OPERATING PRACTICES W/RESPECT TO MICROWAVE TUBES/EQUIP ARE RESPONSIBILITY OF EQUIP MFR & USERSOF TUBES/EQUIP. Other Precautions: WARNING. SERIOUS HAZS EXIST IN OPERATION OF MICROWAVE TUBES/EQUIP. IMPLOSION HAZARD - WINDOWS IN MICROWAVE TUBES CAN SHATTER ON IMPACT ORCRACK IN USE. THIS MAY RESULT IN INJURY FROM FLYING PARTICLES O R FROM BERYLLIUM OXIDE DUST OR FUME. HOTLIQUID -A LIQUID-COOLED TUBE AND THE LIQUID USED TO COOL IT (TOX INFO) ====== Exposure Controls/Personal Protection ======== Respiratory Protection: NOT APPLICABLE. USE NIOSH APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN. Ventilation: NOT APPLICABLE. Protective Gloves: IMPERVIOUS GLOVES. Eye Protection: ANSI APPROVED CHEMICAL WORKERS GOGGLES. Other Protective Equipment: ANSI APPROVED EYE WASH & DELUGE SHOWER. Work Hygienic Practices: NOT APPLICABLE. Supplemental Safety a nd Health HNDLG/STOR PRECS: INDUSTRIES, INC. BEVERLY MICROWAVE DIVISION PROVIDES INFORMATION ON ITS PRODUCTS AND ASSOCIATED HAZARDS, BUT DOES NOT ASSUME RESPONSIBILITY FOR AFTER-SALE OPERATING AND SAFETY PRACTI CES. (FED REGS) ========= Physical/Chemical Properties ====================== Appearance and Odor: NOT APPLICABLE. ======== Stability and Reactivity Data =========== NONE KNOWN. Stability Condition to Avoid: NOT APPLICABLE. Hazardous Decomposition Pro ducts:NOT APPLICABLE. ========= Toxicological Information ============ Toxicological Information: OTHER INFO: CAN REACH SCALDING TEMPS & CAUSE SERIOUS BURNS. HOT SURFACES - AIR-COOLED SURFACES MAY REACH HIGH TEMPS & CAUSE SERIOUS BURNS. ======= Disposal Considerations ============ Waste Disposal Methods: NOT APPLICABLE. DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS. ======== MSDS Transport Informatio

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Transport Information:APPLICABLE REGULATIONS: 49 CFR IATA. SHIPPING NAME: ELECTRON TUBE. IDENTIFICATION NUMBER: UN2807. REPORTABLE QUANTITY: NOT APPLICABLE. HAZARD CLASS: CLASS 9. LABELS: YES. UNIT CONTAINER: FOAM PACK INS IDE FIBERBOARD BOX. DOT SPECIFICATION CONTAINER: NO. NET EXPLOSIVE WEIGHT: NOT APPLICABLE. LIMITED QUANTITY: NOT APPLICABLE. AEROSOL PROPELLANT(S): NOT APPLICABLE. US POSTAL SERVICE REGULATIONS: MAY BE MAILED. MAGNATISM: DOES NO

T EXCEED 0.148 A/M (0.00525 GAUSS).

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