View NSN Online: https://aerobasegroup.kr/nsn/5895-00-476-4443

LITTON ELECTRON DEVICES -- L2806A TRAVELING WAVE TUBE BAND 3 W/ALNICO MAGNETS -- 5865-00-476-4443

Product ID:L2806A TRAVELING WAVE TUBE BAND 3 W/ALNICO MAGNETS MSDS Date:04/15/1989 FSC:5865 NIIN:00-476-4443 MSDS Number: BLRDQ === Responsible Party === **Company Name:LITTON ELECTRON DEVICES** Address:960 INDUSTRIAL RD **City:SAN CARLOS** State:CA ZIP:94070 Info Phone Num: (415) 591-8411 Emergency Phone Num: (415) 591-8411 CAGE:FO469 === Contractor Identification === **Company Name:LITTON ELECTRON DEVICES** Address:960 INDUSTRIAL RD **City:SAN CARLOS** State:CA ZIP:94070 Country:US Phone:415-591-8411 CAGE:FO469 Company Name: LITTON ELECTRON DEVICES . Address:960 INDUSTRIAL RD Box:City:SAN CARLOS State:CA ZIP:94070 Country:US Phone:650-591-8411 CAGE:80080

Ingred Name:ALUMINUM (SARA III) CAS:7429-90-5 RTE CS #:BD0330000 OSHA PEL:15MG/M3 DUST/5 FUME ACGIH TLV:10MG/M3 DUST; 9192

Ingred Name:NICKEL (SARA III) CAS:7440-02-0 RTECS #:QR5950000 Other REC Limits:1 MG/CUM OSHA PEL:1 MG/M3 ACGIH TLV:1 MG/M3; 9192

Ingred Name:COBALT (SARA III) CAS:7440-48-4 RTECS #:GF8750000 Other REC Limits:0.05 PPM OSHA PEL:0.1 MG/M3;AS CO ACGIH TLV:0.05 MG/M3;DUST 9293

Ingred Name:COPPER (SARA III) CAS:7440-50-8 RTECS #:GL5325000 Other REC Limits:1 MG(CU)/M3 (DUST) OSHA PEL:0.1MG/M3 FUME/1 DUST ACGIH TLV:0.2MG/M3 F UME; 9192 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:TITANIUM DIOXIDE CAS:13463-67-7 RTECS #:XR2275000 OSHA PEL:15 MG/M3 TDUST ACGIH TLV:10 MG/M3 TDUST; 9293

Ingred Name:IRON OXIDE CAS:1309-37-1 RTECS #:NO7400000 OSHA PEL:10 MG/M3 (FE) ACGIH TLV:5 MG/M3(FE),B2; 9293

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO Health Hazards Acute and Chronic:INH

ALATION: UPPER RESPIRATORY TRACT IRRITATION. SKIN: ALLERGIC REACTION. Explanation of Carcinogenicity:NICKEL IS A SUSPECTED HUMAN CARCINOGEN
BY ACGIH. Effects of Overexposure:INHALATION: UPPER RESPIRATORY TRACT IRRITATION. SKIN: ALLERGIC REACTION.
SKIN. ALLERGIC REACTION.
======================================
First Aid:OBTAIN MEDICAL ATTENTION IN ALL CASES.
======================================
 Extinguishing Media:BLANKET, DRY NITROGEN, ARGON, OR DRY CHEMICAL. DON'T USE WATER OR HALON AGENTS. Fire Fighting Procedures:POWDER BURNS RAPID/INTENSE. POWDER MAY REIGNITE AFTER EXTINGUISHED. RARE EARTH METAL POWDERS (SAMARIUM) BURN VIGOROUSLY IN HALOGEN OR ORGANIC ATMOSPHERE. Unusual Fire/Explosion Hazard:FINE METAL POWDERS PRODUCED BY DRY GRINDING/MACHING MAY CAUSE EXPLOSION. DRY POWDER/GRINDING SLUDGE MAY IGNITE SPONTANEOUSLY IN AIR OR OXYGEN.
======================================
 Handling and Storage Precautions:DON'T SHIP ON AIRCRAFT ANY MICROWAVE TUBES W/MAGNETIC FIELD >0.00525 GAUSS MEASURED AT 15 FT. (4.6 M) FROM ANY SURFACE OF THE PACKAGE. Other Precautions:NO SPECIAL PROTECTION IS REQUIRED FOR MICROWAVE TUBES AS SHIPPED. DON'T GRIND, CUT, FILE, SAW OR OTHERWISE CREATE DUST FROM MAGNETIC MATERIAL USED AS A PART OF MICROWAVE TUBES.
======================================
Work Hygienic Practices:USE GOOD HYGIENE. Supplemental Safe ty and Health
======================================
Melt/Freeze Pt:M.P/F.P Text:>2417F Spec Gravity:7.0-8.5 Solubility in Water:INSOLUBLE Appearance and Odor:METALLIC SILVER/LIGHT GRAY METAL, ODORLESS
======================================
Stability Indicator/Materials to Avoid:YES STRONG OXIDIZING AGENTS, ACIDS, OXYGEN, HALOGENATED HYDROCARBONS, & WATER Hazardous Decomposition Products:HYDROGEN
==================== Disposal C

Waste Disposal Methods:RECYCLING OF MAGNETS USED IN MICROWAVE TUBES IS RECOMMENDED. RETURN TO MANUFACTURER FOR RECYCLING OR DISPOSE ACCORDING TO FEDERAL, STATE, & 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 accurat e and

disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.