

LITTON ELECTRON DEVICES -- L5644-56 TRAVELING WAVE TUBE -- 5960-01-153-8780

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Product Identification  
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Product ID:L5644-56 TRAVELING WAVE TUBE

MSDS Date:12/01/1988

FSC:5960

NIIN:01-153-8780

MSDS Number: BHTKJ

=== Responsible Party ===

Company Name:LITTON ELECTRON DEVICES

Address:960 INDUSTRIAL ROAD

City:SAN CARLOS

State:CA

ZIP:94070

Info Phone Num:(415) 591-8411

Emergency Phone Num:(415) 5

91-8411

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

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Composition/Information on Ingredients  
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Ingred Name:BERYLLIUM OXIDE

CAS:1304-56-9

RTECS #:DS4025000

OSHA PEL:2 UG/CUM

ACGIH TLV:2 UG

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: DUST MAY CAUSE LUNG  
DISEASE, COUGH, CHEST PAINS, SHORTNESS OF BREATH, WEIGHT LOSS,  
WEAKNESS & FATIGUE. PRODUCT AS SUPPLIED IS NON-HAZARDOUS.  
Explanation of Carcinogenicity:THE NATIONAL TOXICOLOGY PROGRAM HAS  
LISTED BERYLLIUM OXIDE AS A POTENTIAL CANCER HAZ  
ARD.  
Effects of Overexposure:INHALATION: DUST MAY CAUSE LUNG DISEASE, COUGH,  
CHEST PAINS, SHORTNESS OF BREATH, WEIGHT LOSS, WEAKNESS & FATIGUE.  
PRODUCT AS SUPPLIED ARE NON-HAZARDOUS.  
Medical Cond Aggravated by Exposure:LUNG DISEASE

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

First Aid:INHALATION: REMOVE FROM EXPOSURE & CONSULT PHYSICIAN.

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

Fire Fighting Procedures:NONE  
Unusual Fire/Explosion H  
azard:NONE

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

Handling and Storage Precautions:IF USE OR HANDLING DIFFERS FROM NORMAL  
USAGE OF SHIPPED PRODUCT. CONTACT SUPPLIER FOR ASSISTANCE IN  
ESTABLISHING SAFE PROCEDURES.  
Other Precautions:DON'T CRUSH, GRIND OR SAND BLAST BEO.

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

Supplemental Safety and Health

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

Melt/Freeze Pt:M.P/F

.P Text:4620F

Spec Gravity:2.86

Appearance and Odor:WHITE SOLID

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:TEMPERATURES >2200F

Hazardous Decomposition Products:BERYLLIUM HYDROXIDE/OXIDE

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

Waste Disposal Methods:SOLID FORMS MAY BE LAND FILLED.

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