

TEXAS INSTRUMENTS INC DEFENSE SYSTEM & ELECTRONICS -- 2844491-1,OPTICAL,BENCH ASSEMBLY -- 1240-01-237-1584

===== Product Identification =====

Product ID:2844491-1,OPTICAL,BENCH ASSEMBLY
MSDS Date:09/03/1999
FSC:1240
NIIN:01-237-1584
Status Code:A
MSDS Number: CJLMH
=== Responsible Party ===
Company Name:TEXAS INSTRUMENTS INC DEFENSE SYSTEM & ELECTRONICS
Address:8505 FOREST LN
Box:660246
City:DALLA
S
State:TX
ZIP:75266-0246
Country:US
Emergency Phone Num:804-279-4321
Preparer's Name:DSCR;VBA
CAGE:96214
=== Contractor Identification ===
Company Name:TEXAS INSTRUMENTS INC DEFENSE SYSTEM & ELECTRONICS
Address:8505 FOREST LN
Box:660246
City:DALLAS
State:TX
ZIP:75266-0246
Country:US
Contract Num:DAAA09-84-G-0020-0012
CAGE:96214

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

Ingred Name:THORIUM FLUORIDE 232

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

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Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Health Hazards Acute and Chronic:THE OPTICAL, BENCH ASSEMBLY IS NOT
CONSIDERED HAZARDOUS BY OSHA.

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

First Aid:NONE REQUIRED UNDER NORMAL CIRCUMSTANCES.

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

Extinguishing Media:USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.
Fire Fighting Procedures:USE PROCEDURES APPROPRIATE FOR SURROUNDING
FIRE.

Unusual Fire/Explosion Hazard:NONE

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

Neutralizing Agent:NONE

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

Handling and Storage Precautions:THE NORMAL CARE REQUIRED IN HANDLING
AND STORING OPTICAL LENSES SHOULD ALSO SUFFICE FOR THIS ITEM.
Other Precautions:NONE.

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

Respiratory Protection:NONE REQUIRED UNDER NORMAL USAGE.
Ventilation:NORMAL
VENTILATION ADEQUATE.
Protective Gloves:NONE NORMALLY REQUIRED.
Eye Protection:NONE NORMALLY REQUIRED.
Other Protective Equipment:NONE.
Work Hygienic Practices:STANDARD.
Supplemental Safety and Health
THIS ITEM CONTAINS A RADIOACTIVE ISOTOPE, THORIUM FLUORIDE 232, WITH A
RADIOACTIVITY OF 0.0003 MICRO CURIES. NO MSDS IS REQUIRED FOR THE
OPTICAL, BENCH ASSEMBLY SINCE THE QUANTITY OF RADIOACTIVE MATERIAL
IS WITHIN THE "EXCEPTED QUANTITY" FOR INSTRUMENTS AND ARTICLES,
49CFR 173.423,

AND NOT CONSIDERED HAZARDOUS BY OSHA.

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

HCC:A2
Solubility in Water:N/AP

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

Stability Indicator/Materials to Avoid:YES

===== Ecological Information =====

Ecological:DISPOSAL OF ANY PARTS CONTAINING RADIOACTIVE MATERIAL MUST
BE TRANSFERRED TO A LICENSED RADIOACTIVE MATERIAL DISPOSAL FIRM.

===== Disposal Con
siderations =====

Waste Disposal Methods:THORIUM FLUORIDE CONTAINING ITEMS REMOVED FROM
THE OPTICAL,BENCH ASSEMBLY MUST BE TRANSFERRED TO A LICENSED
RADIOACTIVE MATERIAL DISPOSAL FIRM FOR DISPOSAL..

===== MSDS Transport Information =====

Transport Information:PROPER SHIPPING NAME FOR THIS ITEM
IS:"RADIOACTIVE MATERIAL,EXCEPTED PACKAGE-INSTRUMENTS OR ARTICLES",
UN2910.

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