

Y-354 ELECTRON TUBE

MSDS Number

BMZYK

National Stock Number

5960-01-037-3297

Product Name

Y-354 ELECTRON TUBE

Manufacturer

VARIAN ASSOCIATES INC EIMAC DIV

Product Identification

Product ID:Y-354 ELECTRON TUBE

MSDS Date:06/09/1993

FSC:5960

NIIN:01-037-3297

MSDS Number: BMZYK

Responsible Party

VARIAN ASSOCIATES INC EIMAC DIVISION

1678 S PIONEER RD

SALT LAKE CITY , UT 84104-4205

US

Emergency Phone: 801-972-5000

Info Phone: 801-972-5000

Preparer: ALLENE CHRISTEN

Cage: 08594

Contractor

VARIAN ASSOCIATES INC EIMAC DIVISION

SALT LAKE CITY, UT 84104-4205

US

801-972-5000

Cage: 08594

Ingredients

THORIUM 232 (0.001050 MICROCURIE PER GRAM).

Hazards

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO

Health Hazards Acute and Chronic:ACUTE AND CHRONIC- THE PRODUCT IS AN ARTICLE. THIS ELECTRON TUBE DOES NOT RELEASE OR OTHERWISE RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL CONDITIONS OF USE. CONTAINS 0.001050 MICROCURIE O F THORIUM-232 PER GRAM.

Explanation of Carcinogenicity:TRACE AMOUNT

Effects of Overexposure:THE PRODUCT IS AN ARTICLE. THIS ELECTRON TUBE DOES NOT RELEASE OR OTHERWISE RESULT IN EXPOSURE TO A HAZARDOUS CHEMICAL UNDER NORMAL CONDITIONS OF USE. CONTAINS 0.001050 MICROCURIE OF THORIUM-232 PER G RAM.

Medical Cond Aggravated by Exposure:NONE KNOWN

First Aid

First Aid:EMERGENCY FIRST AID IS NOT NECESSARY UNDER NORMAL CONDITIONS OF USE.

Accidental Release

Spill Release Procedures: IN CASE OF TUBE BREAKAGE, TAKE APPROPRIATE SAFETY PRECAUTIONS SUITABLE FOR CLEANUP AND COLLECTION OF CONTAMINATED ITEMS, SUCH AS THE USE OF RUBBER GLOVES, TWEEZERS/TONGS, DAMP SPONGES AND DUST RESPIRATORS. TRANSFER TO LABELED CONTAINER FOR DISPOSAL

Handling

Handling and Storage Precautions: STORAGE AND HANDLING- STORE IN ORIGINAL CONTAINER. AVOID BREAKING TUBES. WEAR GLOVES TO HANDLE BROKEN TUBES.
Other Precautions: KEEP AWAY FROM SMALL CHILDREN. WASH HANDS IMMEDIATELY IF CONTACTED BROKEN TUBES.

Exposure Controls

Respiratory Protection: NONE NORMALLY REQUIRED.
Ventilation: NONE NORMALLY REQUIRED.
Protective Gloves: RUBBER GLOVES IF HANDLING BROKEN TUBES
Eye Protection: NONE NORMALLY REQUIRED.
Other Protective Equipment: EYE WASH STATION, QUICK DRENCH SHOWER AND IMPERVIOUS CLOTHING
Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.
Supplemental Safety and Health
THE MANUFACTURER STATES THAT THIS PRODUCT CONFORMS TO THE HAZARDOUS COMMUNICATION REGULATIONS DEFINITION OF AN "ARTICLE" AS DEFINED IN 29 CFR 1910.1200 (C).

Chemical Properties

HCC: N1
Appearance and Odor: THIS IS AN ARTICLE (ELECTRON TUBE).

Stability

Stability Indicator/Materials to Avoid: YES
Stability Condition to Avoid: FIRE, BREAKAGE
Hazardous Decomposition Products: NONE KNOWN

Disposal

Waste Disposal Methods: DISPOSE OF VIA A LICENSED COMMERCIAL RADIOACTIVE WASTE DISPOSAL AGENCY. OBSERVE ALL LOCAL, STATE AND FEDERAL REGULATIONS.

Other Information

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