

Y-557A

MSDS Number

CGMYL

National Stock Number

5960-01-314-7757

Product Name

Y-557A

Manufacturer

COMMUNICATIONS AND POWER INDUSTRIES IC EIMAC DIV

Product Identification

Product ID:Y-557A
MSDS Date:05/05/1998
FSC:5960
NIIN:01-314-7757
MSDS Number: CGMYL

Responsible Party

COMMUNICATIONS & POWER INDUSTRIES IC EIMAC DIV

301 INDUSTRIAL WAY

SAN CARLOS , CA 94070-2603

US

Emergency Phone: 415-592-1221

Info Phone: 415-592-1221

Preparer: DSCR-VBA STAFF

Cage: JO786

Contractor

VARIAN ASSOCIATES INC EIMAC DIVISION

SAN CARLOS, CA 94070-2603

US

415-592-1221

Cage: 06980

Ingredients

THORIUM 232

Fraction By Weight:

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:RADIATION-SIGNIFIGANT EXPOSURE TO A
RADIONUCLIDE MAY CAUSE CANCER; SEVERE SYSTEMIC HEALTH PROBLEMS.
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%
OR GRATER IS LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.
Effects of Overexposure:RADIATION-IF EXPOSURE IS SUSPECTED TO A
RADIONUCLIDE, SEEK MEDICAL ATTENTION IMMEDIATELY.
Medical Cond Aggravated by Exposure:HEALING OF PRE-EXISTING DAMAGED
TISSUES MAY BE PROLONGED.

First Aid

First Aid:INHALED: MOVE TO FRESH AIR. GIVE RESPIRATORY SUPPORT AS
NEEDED. IF SYMPTOMS DEVELOP, SEE DOCTOR. SKIN: IMMEDIATELY FLUSH

WITH WATER FOR 15 MINUTES. EYES: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. REMOVE PERSON TO FRESH AIR. INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

Fire Fighting

Extinguishing Media:MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Unusual Fire/Explosion Hazard:CONTAINS A RADIOACTIVE MATERIAL WHICH IF RELEASED TO THE ENVIRONMENT POSES A CONTAMINATION HAZARD; LOW HEALTH RISK.

Accidental Release

Spill Release Procedures:WHEN HANDLING BROKEN TUBES WEAR RUBBER GLOVES AND CLOTHING. PICK-UP BROKEN TUBES WITH FORCEPS, TONGS OR SIMILAR DEVICES AND PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

Handling

Handling and Storage Precautions:PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:TUBES ARE SEALED SOURCES AND NORMAL HANDLING DOES NOT PRESENT A RADIATION PROBLEM.

Exposure Controls

Respiratory Protection:NONE NORMALLY REQUIRED. USE NIOSH/MSHA APPROVED RESPIRATOR WITH HEPA CARTRIDGE IF TUBES ARE BROKEN. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation:NONE NORMALLY REQUIRED.

Protective Gloves:RUBBER GLOVES IF PICKING UP BROKEN TUBE

Eye Protection:SAFETY GLASSES IF PICKING UP BROKEN TUBE

Other Protective Equipment:EYE WASH STATION & SAFETY SHOWER IN THE EVENT OF A SPILL.

Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health

MSDS GENERATED BY DSCR-VBS TECHNICAL STAFF. MSDS HEALTH EFFECTS ARE WORSE CASE IN THE EVENT DEVICE IS BROKEN OR INVOLVED IN A FIRE. IN NORMAL USE THERE IS LITTLE DANGER TO SAFETY AND HEALTH DUE TO THE MINUTE AMOUNT OF RADIOACTIVE INVOLVED.

Chemical Properties

HCC:A2

Appearance and Odor:SEALED TUBE.

Percent Volatiles by Volume:0

Stability

Stability Indicator/Materials to Avoid:NO

Stability Condition to Avoid:BROKEN DEVICE OR FIRE

Disposal

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH TITLE 10 CODE OF FEDERAL REGULATIONS, DOD REGULATIONS, AND APPLICABLE STATE REGULATIONS FOR THE DISPOSAL OF RADIOACTIVE MATERIALS.

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