# 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. R EMOVE 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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