

JOINT ELECTRONICS TYPE DESIGNATION SYSTEM -- TEST SET, ZM3 -- 6625-00-229-1060

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Product Identification  
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Product ID:TEST SET, ZM3  
MSDS Date:09/20/1993  
FSC:6625  
NIIN:00-229-1060  
MSDS Number: BVRFF  
=== Responsible Party ===  
Company Name:JOINT ELECTRONICS TYPE DESIGNATION SYSTEM  
Address:CECOM SAFETY OFFICE  
City:FT MONMOUTH  
State:NJ  
ZIP:07703-5024  
Country:US  
Emergency Phone Num:908-544-3112  
P  
reparer's Name:CECOM SAFETY OFFICE  
CAGE:80058  
=== Contractor Identification ===  
Company Name:JOINT ELECTRONICS TYPE DESIGNATION SYSTEM  
Country:US  
CAGE:80058

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Composition/Information on Ingredients  
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Ingred Name:RADIUM 226 (0.13 MICROCURIES) IN LUMINOUS PAINT ON KNOB  
(NSN 5355-00-667-9207)  
Fraction by Wt: NA  
Other REC Limits:NONE RECOMMENDED

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Hazards Identification  
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LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Health Hazards Acute and Chronic:INTACT SET PRESENTS NO SPECIFIC  
HAZARDS. BURNING SET MAY EMIT TOXIC FUMES.  
Explanation of Carcinogenicity:RADIUM (RA226) HAS BEEN PROVEN TO BE A  
HUMAN CARCINOGEN.  
Effects of Overexposure:NONE STATED.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures  
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First Aid:IF PAINT ON KNOB FLAKES AND CONTACTS SKIN, WASH AFFECTED

AREA

FOR AT LEAST 15 MINUTES WITH CLEAN WATER. SEEK MEDICAL ATTENTION PROMPLY. IF SET IS BURNING, LEAVE AREA IMMEDIATELY.

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

Extinguishing Media:CARBON DIOXIDE OR DRY CHEMICAL FIRE EXTINGUISHER, 10-B:C  
Fire Fighting Procedures:FIRE FIGHTER SHOULD USE SELF CONTAINED BREATHING APPARATUS. TEST SET MAY EMIT TOXIC FUMES, IF SUBJECTED TO FIRE/EXCESSIVE HEAT.  
Unusual Fire/Explosion Hazard:FIRE/HEAT MAY CAUSE SET TO EJECT TOXIC FUMES.

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

Spill Release Procedures:DISCONTINUE USE OF SET IF KNOB IS DAMAGED. PLACE SET/KNOB IN A PLASTIC BAG. COORDINATE WITH INSTALLATION RADIATION PROTECTION OFFICER (RPO) FOR DISPOSITION INSTRUCTION.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT STORE WITH EXPLOSIVES OR FLAMMABLE MATERIALS. GAIN APPROVAL FOR STORAGE FROM LOCAL FIRE DEPARTMENT.  
Other Precautions:IF KNOB IS KNOWN/SUSPECTED TO BE DAMAGED, PROTECT HANDS WITH RUBBER GLOVES (IF HANDLING TEST SET IS NECESSARY). AVOID HANDLING DAMAGED KNOB . THOROUGHLY WASH HANDS AFTER USING TEST SET AND BEFORE EATING OR SMOKING.

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

Respiratory Protection:IF SET IS BURNING USE SCBA  
Ventilation:NONE SPECIFIED BY MANUFACTURER.  
Protective Gloves:IF KNOB DAMAGED CHEMICAL RESISTANT  
Eye Protection:NONE SPECIFIED BY MANUFACTURER.  
Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.  
Work Hygienic Practices:LIMIT THE EXPOSED TIME AND DO NOT GET CLOSER THAN NECESSARY TO RADIOACTIVE SOURCE. USE SHIELDING WHEN POSSIBLE.  
Supplemental Safety and Health  
RADIUM 226 IS IN LUMINOUS PAINT ON KNOB (NSN 5355-00-667-9207). THIS MSDS WAS CODED FROM A CECOM MATERIAL SAFETY DATA SHEET; CONTACT CECOM SAFETY OFFICE, FORT MONMOUTH NJ 07703-5024 A

T (908) 544-3112  
IF YOU HAVE QUESTIONS.

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

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES  
DO NOT STORE WITH EXPLOSIVES OR FLAMMABLE MATERIALS, AND GAIN LOCAL  
FIRE DEPARTMENT APPROVAL FOR STORAGE AREAS.  
Stability Condition to Avoid:PHYSICAL ABUSE, AND FIRE/EXTREME HEAT.  
Hazardous Decomposition Products:ON  
LY WHEN EXPOSED TO FIRE/EXTREME  
HEAT.

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

Waste Disposal Methods:DEMILITARIZATION OF SET IAW INSTRUCTIONS  
PROVIDED BY ITEM MANAGER. DISPOSITION OF SET W/O KNOB THROUGH THE  
DRMO. DISPOSITION OF KNOB AS RADIOACTIVE WASTE IAW RPO  
INSTRUCTIONS.

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