

T.G. END HSG.-77605-302

MSDS Number

BJCRD

National Stock Number

6615-00-945-1210

Product Name

T.G. END HSG.-77605-302

Manufacturer

ELECTRONIC SYS GP NORTHROP PRECS DIV

Product Identification

Product ID:T.G. END HSG.-77605-302

MSDS Date:06/01/1989

FSC:6615

NIIN:00-945-1210

MSDS Number: BJCRD

Responsible Party

ELECTRONIC SYS GP/NORTHROP PRECS. DIV

100 MORSE STREET

NORWOOD , MA 02062

Emergency Phone: (617) 762-5300

Info Phone: (617) 762-5300

Cage: 88932

Contractor

ELECTRONIC SYS GP/NORTHROP PRECS. DIV

NORWOOD, MA 02062

(617) 762-5300

Cage: 88932

Ingredients

BERYLLIUM (SARA III)

CAS: 7440-41-7

RTECS: DS1750000

Fraction By Weight: 100%

OSHA PEL2 UG/M3

ACGIH TLV: 0.002PPM; A2; 9293

Hazards

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INHALATION: PNEUMONITUS, PULMONARY EDEMA, LIVER DAMAGE, SPLEEN & HEART, LESIONS, COUGH, CHEST PAIN, SHORTNESS OF BREATH, WEAKNESS, CHILLS, FEVER, & LUNG DISEASE.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: PHENUMONITUS, PULMONARY EDEMA, LIVER DAMAGE, SPLEEN & HEART, LESIONS, COUGH, CHEST PAIN, SHORTNESS OF BREATH, WEAKNESS, CHILLS, LUNG DISEASES.

Medical Cond Aggravated by Exposure:LUNG DISEASE

First Aid

First Aid: INHALATION: REMOVE TO FRESH AIR, RESTORE BREATHING, GET MED ATT. EYES: FLUSH W/RUNNING WATER FOR 15 MINS, INCLUDING UNDER EYELIDS, SEEK MED ATT. SKIN: WASH W/SOAP & WATER. SEEK MEDICAL ATTENTION. INGESTION: NOT CONSIDERED A HAZARD BECAUSE ABSORPTION IS SO LOW.

Fire Fighting

Extinguishing Media: DRY POWDER EXTINGUISHER, SAND OR SALT. DON'T USE WATER OR CO₂

Fire Fighting Procedures: WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard: A CLOUD OF BERYLLIUM DUST IN AIR CAN BE EXPLOSIVE.

Accidental Release

Spill Release Procedures: EVACUATE/ENCLOSE AREA. CLEAN WHILE USING RESPIRATORS/PROTECTIVE CLOTHING.

Handling

Handling and Storage Precautions: WASH HANDS & ARMS BEFORE LEAVING. NO EATING, DRINKING OR SMOKING IN CONTROLLED AREA. KEEP IN DRY AREA FROM CHEMICALS. DON'T PRODUCE DUST.

Other Precautions: BERYLLIUM FABRICATION OPERATIONS MUST BE DONE IN A CONTROLLED BERYLLIUM AREA.

Exposure Controls

Respiratory Protection: FULL FACE HEPA RESPIRATOR >10 UG/CUM, SCBA >50 UG/CUM.

Ventilation: LOCAL EXHAUST: W/HEPA FILTRATION. MECHANICAL: ROOM MUST HAVE NEGATIVE PRESSURE.

Protective Gloves: AS REQUIRED

Eye Protection: MANDATORY

Other Protective Equipment: PROTECTIVE CLOTHING, COATS, GARMENTS.

Work Hygienic Practices: WASH HANDS/ARMS BEFORE LEAVING. NO EATING, DRINKING OR SMOKING IN CONTROLLED AREA.

Supplemental Safety and Health

Chemical Properties

Boiling Pt: B.P. Text: 2970C

Melt/Freeze Pt: M.P/F.P Text: 1280C

Vapor Pres: 7.6

Spec Gravity: 1.85

Solubility in Water: INSOLUBLE

Appearance and Odor: GRAY METAL; NO ODOR.

Stability

Stability Indicator/Materials to Avoid: YES

PHOSPHOROUS, FLUORINE, CHLORINE, MOLTEN LITHIUM, FREON/METHANOL MIXTURES.

Stability Condition to Avoid: ACIDS, BASES, CHLORINATED HYDROCARBONS.

Hazardous Decomposition Products: OXIDES OF BERYLLIUM

Disposal

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. POISON LABEL REQUIRED.

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