

ALLIED SIGNAL INC., AIRCRAFT LANDING SYSTEM -- CADMIUM PLATED AIRCRAFT PART --
1620-00-968-8229

===== Product Identification =====

Product ID:CADMIUM PLATED AIRCRAFT PART

MSDS Date:12/01/1993

FSC:1620

NIIN:00-968-8229

MSDS Number: BXCBJ

=== Responsible Party ===

Company Name:ALLIED SIGNAL INC., AIRCRAFT LANDING SYSTEM

Address:3520 WESTMOOR STREET

City:SOUTH BEND

State:IN

ZIP:46628

Country:US

Info

Phone Num:219-231-2302

Emergency Phone Num:219-231-2000

CAGE:55284

=== Contractor Identification ===

Company Name:HONEYWELL INTL INC, AIRCRAFT LANDING SYSTEM ALS

Address:3520 WESTMOOR STREET

Box:City:SOUTH BEND

State:IN

ZIP:46628-1373

Country:US

Phone:219-231-2201

CAGE:55284

===== Composition/Information on Ingredients =====

Ingred Name:CADMIUM (SARA 313) (CERCLA)

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: TRACE

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG/M3 DUST;

Z-2
ACGIH TLV:0.01 MG/M3 DUST;9495
EPA Rpt Qty:10 LBS
DOT Rpt Qty:10 LBS

=====
Hazards Identification
=====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:THIS METAL AIRCRAFT PART IS PLATED W/CADMIUM. PART IS NOT HAZARDOUS. HAZARDS ARE FROM DUSTS & FUMES GENERATED IF PART IS MACHINED. AVOID CONTACT W/CADMIUM DUST & FUMES. ACUTE-ACUTE PNEUMONITIS & PULMONARY EDEMA. CHRONIC-KIDNEY DISEASE, LUNG & PROSTATE CANCER, REDUCED PULMONARY FUNCTION & LUNG DISEASE.
Explanation of Carcinogenicity:PLATED W/CADMIUM [7440-43-9] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:EYES:REDNESS OR PAIN. SKIN:IRRITATION. INHALATION:RESPIRATORY IRRITATION, SHORTNESS OF BREATH, CHEST PAIN, FLU-LIKE SYMPTOMS, WEAKNESS, FEVER, HEADACHE, CHILLS, SWEATING, MUSCULAR PAIN. INGESTION:VOMITING, ABDOMINAL PAIN, NAUSEA, DIARRHEA,HEADACHE, & SORE THROAT.
Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION ON MSDS.

=====
First Aid Measures
=====

First Aid:GET MEDICAL ATTENTION IMMEDIATELY FOR ANY EXPOSURE. EYE:FLUSH W/WATER TO 15 MIN. SKIN:WASH W/SOAP & WATER. REMOVE CONTAMINATED CLOTHING & LAUNDRY BEFORE REUSE. INHALED:REMOVE FROM EXPOSURE. AID OR RES TORE BREATHING AS NEEDED. INGESTED:TREATMENT MUST BE ADMINISTERED BY MEDICAL PERSONNEL. ADVICE TO PHYSICIAN:DO NOT PERFORM CHELATION THERAPY.

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

Extinguishing Media:DRY SAND, DRY DOLOMITE, DRY GRAPHITE, OR SODIUM CHLORIDE
Fire Fighting Procedures:WEAR A SELF-CONTAINED BREATHING APPARATUS W/FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.
Unusual Fire/Explosion Hazard:CADMIUM DUST CREATED DURING MACHINING MAY PRESENT A MODERATE EXPLOSION HAZARD WHEN EXPOSED TO FLAME. DUST & STRONG

OXIDIZERS MAY CASUSE FIRE OR EXPLOSION.

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

Spill Release Procedures:(ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT.) ANY NORMAL CLEAN-UP PROCEDURE IS APPLICABLE. AVOID GENERATION OF DUSTS. SPILLS & RELEASES MAY HAVE TO BE REPORTED TO FEDERAL &/OR LOCAL AUTHOR ITIES.

Neutralizing Agent:MFR GAVE NO INFORMATION ON MSDS.

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

Handling and Storage P

recautions:SHIPPING & STORAGE CONTAINERS

CONTAINING CADMIUM, CADMIUM COMPOUNDS, CONTAMINATERD CLOTHING & EQUIPMENT, WASTE, SCRAP, ETC. MUST BEAR WARNING LABELS.

Other Precautions:AVOID CONTACT TO SKIN, EYES & CLOTHING. AVOID BREATHING DUST. USE ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING.

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

Respiratory Protection:RESPIRATORS USED MUST BE APPROVED BY BOTH MSHA & NIOSH. AIR PURIFYING RESPIRATORS MUST B E EQUIPPED W/HEPA FILTERS.

AIR SUPPLIED RESPIRATORS OPERATED IN POSITIVE PRESSURE MODE ARE ALSO ACCEPTABLE. SUIT EQUIPMENT TO EXPOSURE LEVEL.

Ventilation:USE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP CADMIUM DUST & FUME LEVELS BELOW THE TLV.

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES/FACE SHIELD REQUIRED

Other Protective Equipment:RUBBER APRON AND/OR SUIT REQUIRED. CLEAN CHANGE ROOMS, HAND WASHING FACILITIES, SHOWERS SHOULD BE AVAILABLE.

Work Hygienic Practices:MF

R:?. HMIS:USE GOOD CHEMICAL HYGIENE

PRACTICES. AVOID CONTACT IF AT ALL POSSIBLE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health

NONE

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

HCC:N1

NRC/State Lic Num:NONE

Appearance and Odor:MATTED TEXTURE METALLIC TO POLISHED METAL FINISH

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

Stability Indicator/Materials to Avoid:YES

HYDROCHLORIC &/OR NITRIC ACIDS

Stability Condition to Avoid:

MFR GAVE NO INFORMATION ON MSDS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:RCRA HAZARDOUS WASTE = D006. DISPOSE I/A/W
FEDERAL, STATE & LOCAL REGULATIONS. NOTE:THIS MATERIAL MAY HAVE
VALUE ON A RECYCLED BASIS. IF RECLAIMED, THE MATERIAL IS NOT
HAZARDOUS UNDER RCRA. THIS INFORMATION IS FOR THE PRODUCT SHIPPED.

Disclaimer (provided with this information by the compiling agencies):

T

his information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.