

ALLIED SIGNAL INC., AIRCRAFT LANDING SYSTEM -- 2605794, CADMIUM PLATED AIRCRAFT PART  
-- 1630-01-068-0633

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

Product ID:2605794, CADMIUM PLATED AIRCRAFT PART

MSDS Date:12/01/1993

FSC:1630

NIIN:01-068-0633

Status Code:A

MSDS Number: CJJLG

=== Responsible Party ===

Company Name:ALLIED SIGNAL INC., AIRCRAFT LANDING SYSTEM

Address:3520 WESTMOOR STREET

City:SOUTH BEND

St

ate:IN

ZIP:46628

Country:US

Info Phone Num:219-231-2302

Emergency Phone Num:219-231-2000

Resp. Party Other MSDS Num.:AALS-0003

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

Contract Num:N00383-95-GM121

CAGE:55284

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

Ingred Name:CADMIUM

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: TRACE  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:see 1910.1027  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

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

Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:TARGET ORGANS: NONE (HMIS). ACUTE -  
HEALTH HAZARDS ARE DUE TO THE POTENTIAL CADMIUM DUSTS AND FUMES  
THAT MAY BE GENERATED DURING MACHINING OF THE PART. SKIN: MA  
Y CAUSE  
IRRITATION. EYES: MAY CAUSE REDNESS OR PAIN. INHALATION: MAY CAUSE  
IRRITATION OF THE UPPER RESPIRATORY TRACT, SHORTNESS OF BREATH,  
CHEST PAIN, AND FLU-LIKE SYMPTOMS, SUCH AS WEAKNESS, FEVER,  
HEADACHE, CHILLS, SWEATING AND MUSCULAR PAIN. INGESTION: MAY CAUSE  
VOMITING, ABDOMINAL PAIN, NAUSEA, HEADACHE, AND SORE THROAT.  
DELAYED EFFECTS - REPEATED OR LONG TERM EXPOSURE MAY CAUSE KIDNEY  
DAMAGE AND INCREASED RISK OF LUNG CANCER AND PROSTATE CANCER.

Explanation of  
Carcinogenicity:CONTAINS CADMIUM.  
Effects of Overexposure:IRRITATION, REDNESS, PAIN, SHORTNESS OF BREATH,  
CHEST PAIN, AND FLU-LIKE SYMPTOMS, SUCH AS WEAKNESS, FEVER,  
HEADACHE, CHILLS, SWEATING AND MUSCULAR PAIN, VOMITING, ABDOMINAL  
PAIN, NAUSEA, HEADACHE, AND SORE THROAT

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

First Aid:SKIN: REMOVE CONTAMINATED CLOTHING AND SHOES IMMEDIATELY.  
WASH AFFECTED AREA WITH SOAP OR MILD DETERGENT AND LARGE AMOUNT OF  
WATER. GET MEDICAL ATTENTION IMMEDIATELY. EYES: FLUSH EYES  
IMMEDIATELY WITH LARGE AMOUNT OF WATER, LIFTING UPPER AND LOWER  
EYELIDS. GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: REMOVE TO  
FRESH AIR. IF BREATHING HAS STOPPED, APPLY ARTIFICIAL RESPIRATION.  
IF BREATHING IS DIFFICULT, GIVE OXYGEN. KEEP PERSON WARM AND AT  
REST. GET MEDICAL ATTENTION IMMEDIATELY. INGESTION: TREATMENT MUST  
BE ADMINISTERED BY MEDICAL PERSONNEL. GET MEDICAL ATTENTION  
IMMEDIATELY. NOTE TO

PHYSICIAN: DO NOT PERFORM CHELATION THERAPY.

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

Extinguishing Media: DRY SAND, DRY DOLMITE, DRY GRAPHITE, OR SODIUM CHLORIDE

Fire Fighting Procedures: WEAR A SELF-CONTAINED BREATHING APPARATUS WITH 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 AND STRONG OXIDIZERS MAY CAUSE 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 AND RELEASES MAY HAVE TO BE REPORTED TO FEDERAL AND/OR LOCAL AUTHORITIES. SEE THE REGULATORY INFORMATION SECTION REGARDING REPORTING REQUIREMENTS.

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

Handling and Storage

Shipping and Storage Precautions: SHIPPING AND STORAGE CONTAINERS CONTAINING CADMIUM (Cd), Cd COMPOUNDS, Cd CONTAMINATED CLOTHING, EQUIPMENT, SCRAP MUST BEAR WARNING LABELS AND KEPT STORED AS SPECIFIED IN 29 CFR 1910.1027. THE WARNING IS: DANGER, CONTAINS CADMIUM, CANCER HAZARD, AVOID CREATING DUST, CAN CAUSE LUNG AND KIDNEY DISEASE

Other Precautions: ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. AVOID BREATHING DUST. AVOID CONTACT TO EYES, SKIN AND CLOTHING. WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.

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

Respiratory Protection: NIOSH-APPROVED.