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Product ID:CADMIUM PLATED AIRCRAFT PART #2606616 MSDS Date:12/01/1993 FSC:1630 NIIN:01-116-1618 Status Code:A **MSDS Number: CHXBB** === Responsible Party === Company Name: ALLIED SIGNAL INC., AIRCRAFT LANDING SYSTEM Address:3520 WESTMOOR STREET **City:SOUTH BEND** Sta te: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

Ingred Name:CADMIUM (SARA 313) (CERCLA) CAS:7440-43-9 RTECS #:EU9800000 Fraction by Wt: TRACE Other REC Limits:NONE RECO MMENDED OSHA PEL:0.2 MG/M3 DUST; Z-2 ACGIH TLV:0.01 MG/M3 DUST;9596 EPA Rpt Qty:10 LBS DOT Rpt Qty:10 LBS

LD50 LC50 Mixture:LD50 (ORAL RAT) IS NOT GIVEN Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES Health Hazards Acute and Chronic: TARGET ORGANS: EYE, SKIN, LUNG, KIDNEY, PROSTATE. PRODUCT IS NOT HAZARDOUS. HEALTH HAZARDS ARE DUE TO DUSTS/FUMES CREATED D URING MACHINING. ACUTE- EYE:MAY CAUSE PAIN. SKIN/INHALE:MAY CAUSE IRRITATION. ORAL:MAY CAUSE HEADACHE, VOMITING, SORETHROAT. CHRONIC- MAY CAUSE KIDNEY DAMAGE, LUNG AND PROSTATE CANCER. Explanation of Carcinogenicity: CONTAINS C [7440-43-9] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN. Effects of Overexposure: IRRITATION, SHORTNESS OF BREATH, CHEST PAIN, FLU-LIKE SYMPTOMS SUCH AS WEAKNESS, HEADACHE, CHILLS AND MUSCULAR PAIN, NAUSEA, VOMITING, DIARRH EA, SORE THROAT, REDNESS AND PAIN OF EYES, SWEATING, FEVER. Medical Cond Aggravated by Exposure: INDIVIDUALS WITH PRE-EXISTING

DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, KIDNEYS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid:GET MEDICAL ATTENTION IMMEDIATELY. EYE:FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP/MILD DETERGENT & LARGE AMOUNT OF WATER.

INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:TREATMENT MUST BE ADMINISTERED BY MEDICAL PERSONNEL. ADVICE TO PHYSICIAN:DO NOT PERFORM CHELATION THERAPY.

Flash Point:NONE Lower Limits:NOT GIVEN Upper Limits:NOT GIVEN Extinguishing Media:DRY SAND, DRY DOLOMITE, DRY GRAPHITE OR SODIUM CHLORIDE Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NI

OSH-APPROVED SELF-CONTAINED BREATHING APPARATUS. 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. Spill Release Procedures: WEAR PROTECTIVE EQUIPMENTS. VACUUM OR SWEEP UP SPILLAGE. AVOID CREATING DUST. PLACE SPILLAGE IN APPROPRIATE CONTAINER FOR WASTE DISPOSAL. VENTILATE AR EA. SPILLS AND RELEASES MAY HAVE TO BE REPORTED TO FEDERAL AND/OR LOCAL AUTHORITIES. Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER. Handling and Storage Precautions: SHIPPING & STORAGE MUST FOLLOW INSTRUCTIONS AS SPECIFIED IN 29 CFR 1910.1027 BEARING WARNING LABLE: DANGER, CONTAINS CADMIUM. CANCER HAZARD. Other Precautions: AVOID CREATING DUST. AVOID CONTACT TO EYES AND SKIN. AVOID INHALATION OF DUST. WASH TH OROUGHLY AFTER HANDLING. KEEP OUT OF REACH OF CHILDREN. OBEY HAZARD WARNING LABEL. USE WITH ADEQUATE VENTILATION. CAN CAUSE LUNG AND KIDNEY DISEASES.

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

Respiratory Protection: IF TLV