

# Depleted Uranium Counterweights

## MATERIAL SAFETY DATA SHEET

LOCKHEED AERONAUTICAL SYS -- DEPLETED URANIUM COUNTERWEIGHTS 3W34138-101

NSN: 1560006889341

Manufacturer's CAGE: 36659

Part No. Indicator: A

Part Number/Trade Name: DEPLETED URANIUM COUNTERWEIGHTS 3W34138-101

=====  
General Information  
=====

Company's Name: LOCKHEED AERONAUTICAL SYS

Company's Street: 2555 N HOLLYWOOD WAY

Company's P. O. Box: 531

Company's City: BURBANK

Company's State: CA

Company's Zip Code: 91520

Company's Emerg Ph #: (818) 847-3605

Company's Info Ph #: (818) 847-3605

Distributor/Vendor # 1: CAMECO

Distributor/Vendor # 1 Cage: 2C003

Distributor/Vendor # 2: CAMECO

Distributor/Vendor # 2 Cage: 2C003

Distributor/Vendor # 3: CAMECO

Distributor/Vendor # 3 Cage: 2C003

Distributor/Vendor # 4: CAMECO

Distributor/Vendor # 4 Cage: 2C003

Record No. For Safety Entry: 001

Tot Safety Entries This Stk#: 001

Date MSDS Prepared: 03MAR89

Safety Data Review Date: 30AUG89

MSDS Preparer's Name: W.G. WORKNER

Preparer's Company: LOCKHEED AERONAUTICAL SYS

Preparer's St Or P. O. Box: 2555 N HOLLYWOOD WAY

Preparer's City: BURBANK

Preparer's State: CA

Preparer's Zip Code: 91520

Other MSDS Number: CAMECO

MSDS Serial Number: BHBBC

NRC/State License Number: AECB FFO1.220-1

=====  
Ingredients/Identity Information  
=====

Proprietary: NO

Ingredient: URANIUM

Ingredient Sequence Number: 01

Percent: 100%

NIOSH (RTECS) Number: YR3490000

CAS Number: 7440-61-1

OSHA PEL: 0.05 MG/M3/ 0.6 STEL

ACGIH TLV: 0.2MG/M3/0.6STEL9293

=====

Physical/Chemical Characteristics

=====

Appearance And Odor: SILVER GREY  
Boiling Point: 3818F  
Specific Gravity: 19

=====

Fire and Explosion Hazard Data

=====

Extinguishing Media: USE METAL-X-TYPE EXTINGUISHER, DRY SAND/SLAG  
Special Fire Fighting Proc: DON'T USE WATER  
Unusual Fire And Expl Hazrds: PYROPHORIC IN FINELY DIVIDED STATE AS A  
RESULT OF MACHINING/GRINDING OPERATIONS.

=====

Reactivity Data

=====

Stability: YES  
Cond To Avoid (Stability): CONTACT W/OPEN IGNITION SOURCES  
Hazardous Decomp Products: URANIUM.  
Hazardous Poly Occur: NO

=====

Health Hazard Data

=====

Route Of Entry - Inhalation: YES  
Route Of Entry - Skin: NO  
Route Of Entry - Ingestion: NO  
Health Haz Acute And Chronic: INHALATION: CAN RESULT IN RADIATION DOSE TO  
LUNG & KIDNEY UPSET DUE TO CHEMICAL TOXICITY.  
Carcinogenicity - NTP: NO  
Carcinogenicity - IARC: NO  
Carcinogenicity - OSHA: NO  
Explanation Carcinogenicity: NONE  
Signs/Symptoms Of Overexp: INHALATION: CAN RESULT IN RADIATION DOSE TO  
LUNGS & KIDNEY UPSET DUE TO CHEMICAL TOXICITY.  
Emergency/First Aid Proc: INHALATION: REMOVE PERSON TO PREVENT FURTHER  
EXPOSURE & SHOWER.

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: SIGNIFICANT ONLY IF FINELY DIVIDED. CLEAN UP  
TO MINIMIZE DUSTING. SURVEY FOR ALPHA RADIOACTIVITY.  
Waste Disposal Method: PLACE IN SEALABLE CONTAINER METAL, WOOD, ETC.  
Precautions-Handling/Storing: WASH HANDS AFTER HANDLING BARE METAL. USE  
NORMAL INDUSTRIAL HANDLING & HYGIENE. AVOID INHALATION & DON'T USE WATER ON  
FIRES.

=====  
Control Measures  
=====

Respiratory Protection: NIOSH/MSHA CSA APPROVED RESPIRATORS FOR DUSTS CAUSED BY FIRES. RECOMMEND USE OF RESPIRATORS FOR EXPOSURE TO AIRBORNE DUST.

Ventilation: PROVIDE ADEQUATE MECHANICAL/LOCAL EXHAUST VENTILATION.

Protective Gloves: OPTIONAL

Eye Protection: NORMAL INDUSTRIAL SAFETY

Work Hygienic Practices: WASH HANDS AFTER HANDLING BARE METAL. USE NORMAL INDUSTRIAL HANDLING & HYGIENE.

=====  
Transportation Data  
=====

=====  
Disposal Data  
=====

=====  
Label Data  
=====

Label Required: YES

Label Status: G

Common Name: DEPLETED URANIUM COUNTERWEIGHTS 3W34138-101

Special Hazard Precautions: INHALATION: CAN RESULT IN RADIATION DOSE TO LUNG & KIDNEY UPSET DUE TO CHEMICAL TOXICITY. INHALATION: CAN RESULT IN RADIATION DOSE TO LUNGS & KIDNEY UPSET DUE TO CHEMICAL TOXICITY.

Label Name: LOCKHEED AERONAUTICAL SYS

Label Street: 2555 N HOLLYWOOD WAY

Label P.O. Box: 531

Label City: BURBANK

Label State: CA

Label Zip Code: 91520

Label Emergency Number: (818) 847-3605