

OEA AEROSPACE INC. -- 51476-732 TRANSFER LINE,TLX -- 1377-01-200-2429

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

Product ID:51476-732 TRANSFER LINE,TLX

MSDS Date:01/11/1996

FSC:1377

NIIN:01-200-2429

MSDS Number: CCGLC

=== Responsible Party ===

Company Name:OEA AEROSPACE INC.

Address:HWY 12 AND ET RD

Box:KK

City:FAIRFIELD

State:CA

ZIP:94533-0659

Country:US

Info Phone Num:707-422-1880

Emergency Phone Num:70

7-422-1880

Preparer's Name:S SCHOOLFIELD/J KOHRING

CAGE:17610

=== Contractor Identification ===

Company Name:OEA AEROSPACE INC

Address:3530 BRANSCOMBE RD

Box:KK

City:FAIRFIELD

State:CA

ZIP:94533-0659

Country:US

Phone:707-422-1880

CAGE:17610

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

Ingred Name:HETEROCYCLIC AMINE

OSHA PEL:1.5 MG/CUM

ACGIH TLV:1.5 MG/CUM

Ingred Name:ALUMINUM \*96-3\*

CAS:7429-90-5

RTECS #:BD0330000

OSHA PEL:15 MG/CUM

ACGIH TLV:10 MG/CUM (DUST)

Ingred N

ame:LEAD AZIDE  
CAS:13424-46-9  
RTECS #:OF8650000  
ACGIH TLV:0.05 MG/CUM

Ingred Name:IGNITION STRAND

Ingred Name:POTASSIUM PICRATE  
CAS:573-83-1

Ingred Name:POTASSIUM PERCHLORATE  
CAS:7778-74-7  
RTECS #:SC9700000

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:INHALATION: TOXIC EFFECTS. SKIN:  
IRRITATION & TOXIC EFFECTS. EYES: IRRITA  
TION. INGESTION: TOXIC  
EFFECTS & RENAL IRRITATIONS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:CONVULSIONS, VERTIGO, VOMITING, INSOMNIA,  
RESTLESSNESS, DIZZINESS, IRRITATION, LESIONS, BREATHING  
ABNORMALITIES, MUSCLE TWITCHES.

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

First Aid:EYES: FLUSH W/WATER FOR 15 MINS. SKIN: FLUSH W/WATER THEN  
WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. OBTAIN  
MEDICAL ATTENTION IN ALL CASES.

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

Extinguishing Media:DON'T ATTEMPT TO EXTINGUISH.  
Fire Fighting Procedures:EVACUATE AREA. USE SCBA TO CONTAIN RESULTING  
FIRE.  
Unusual Fire/Explosion Hazard:IF EXPOSED TO FIRE, THE UNIT MAY  
DETONATE. EXPLODES AT 350F/WHEN SHOCKED.

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

Spill Release Procedures:CALL LOCAL HAZARDOUS MATERIALS TEAM. REMOVE  
IGNITION SOURCES. COVER/EXPOSE MATERIAL W/VEGETABLE OIL

& REMOVE

FOR APPROVED DISPOSAL. USE FLAME RETARDANT CLOTHING & NON-SPARKING TOOLS.

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

Handling and Storage Precautions: DON'T STORE AT TEMPS >350F. EXTREMELY SENSITIVE TO FRICTION & SHOCK.

Other Precautions: ANTI-STATIC BAGS SHALL BE USED FOR PACKAGING & STORAGE.

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

Respiratory Protection: USE NIOSH APPROVED RESPIRATOR IF TLV ACTION LEVEL IS EXCEEDED.

Ventilation: LOCAL EXHAUST: TEST FIRING

Protective Gloves: POLY-BENZ-IMMIDAZOLE/LEATHER/EQUIVALENT

Eye Protection: SAFETY GLASSES AS A MINIMUM

Other Protective Equipment: POLY-BENZ-IMMIDAZOLE/EQUIVALENT FLAME RETARDANT CLOTHING & CONDUCTIVE SAFETY SHOES.

Supplemental Safety and Health

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

Melt/Freeze Pt: M.P/F.P Text: 536F

Decomp Temp: Decomp Text: 536F

Vapor Pres: 0.00000003

Spec Gravity: 1.7

Solubility in Water: INSOLUBLE

Appear

ance and Odor: HMX: WHITE, CRYSTALLINE POWDER. LEAD AZIDE: WHITE POWDER

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

Stability Indicator/Materials to Avoid: YES

ACIDS, COMBUSTIBLE MATERIALS & OXIDIZERS, WATER, PICRIC ACID.

Stability Condition to Avoid: HEAT, SPARKS, FLAME, FRICTION & MECHANICAL SHOCK.

Hazardous Decomposition Products: HYDROGEN/CARBON/NITROGEN/NITRIC OXIDE/NITROUS OXIDE/CO/CO2/FORMALDEHYDE/HYDROGEN FLOURIDE/POTASSIUM OXIDE/CHLORINE.

=====

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

Waste Disposal Methods: UNFIRED UNITS/WASTE SHOULD BE DISPOSED AS REACTIVE(D003)& TOXIC(D008)HAZARDOUS WASTE, IAW/FEDERAL, STATE & LOCAL REGULATIONS. UN 0367.

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