

WALTER KIDD AEROSPACE INC -- ACTUATING CARTRIDGE, POWER DEVICE -- 1377-01-374-0343

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Product Identification  
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Product ID:ACTUATING CARTRIDGE, POWER DEVICE

MSDS Date:03/24/1998

FSC:1377

NIIN:01-374-0343

Status Code:A

MSDS Number: CKWPG

=== Responsible Party ===

Company Name:WALTER KIDD AEROSPACE INC

Address:2500 AIRPORT DR

City:WILSON

State:NC

ZIP:27893-9604

Country:US

Info Phone Num:919-2

37-7004

Emergency Phone Num:800-424-9300

Resp. Party Other MSDS Num.:P/N 897899-1

Chemtrec Ind/Phone:(800)424-9300

CAGE:5V736

=== Contractor Identification ===

Company Name:KIDDE INC WALTER KIDDE DIV AEROSPACE OPNS

Address:2500 AIRPORT DRIVE

Box:City:WILSON

State:NC

ZIP:27893-9604

Country:US

Phone:252-237-7004

CAGE:61423

Company Name:WALTER KIDD AEROSPACE INC

Address:2500 AIRPORT DR

Box:City:WILSON

State:NC

ZIP:27893-9604

Country:US

Phone:919-237-7004

CAGE:5V736

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Composition/Infor

mation on Ingredients =====

Ingred Name:LEAD AZIDE

CAS:13424-46-9

RTECS #:OF8650000

Other REC Limits:0.10 MG PB/M3

Ingred Name:ZIRCONIUM POWDER. (COMPONENT OF PYROTECHNIC IGNITION MIXTURE)

ACGIH TLV:5 MG/M3

Ingred Name:POTASSIUM PERCHLORATE. (COMPONENT OF PYROTECHNIC IGNITION MIXTURE)

CAS:7778-74-7

RTECS #:SC9700000

Ingred Name:CARBON. (COMPONENT OF PYROTECHNIC IGNITION MIXTURE)

CAS:7440-44-0

RTECS #:FF5250000

ACGIH TLV:5 MG/M3

Ingred Name:FLUOROPOLYMER BINDER. (COMPONENT OF PYROTECHNIC IGNITION MIXTURE)

Ingred Name:HEXANITROSTILBENE (HNS)

ACGIH TLV:10 MG/M3

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:UPON ACTUATION, NOXIOUS FUMES ARE GENERATED. IN NORMAL USE, THE CARTRIDGE FIRES INTO A FIRE EXTINGUISHING BOTTLE WHICH WILL DILUTE THESE FUMES TO A CONCENTRATION WHICH IS IRRELEVANT.

LEAD APPEARS ON THE NAVY

LISTING OF OCCUPATIONAL CHEMICAL REPRODUCTIVE HAZARDS. SEEK CONSULTATION FROM APPROPRIATE HEALTH PROFESSIONALS CONCERNING LATEST SAFE HANDLING AND EXPOSURE INFORMATION .

Explanation of Carcinogenicity:NO.

Effects of Overexposure:N/A.

Medical Cond Aggravated by Exposure:N/A.

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

First Aid:THE PRIMARY HAZARD FROM IMPROPER HANDLING OR MISUSE IS PHYSICAL WOUNDS RESULTING FROM A DETONATION.

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Fire Fighting Measures  
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Autoignition Temp:=248.9C, 480.F

Extinguishing Media:NONE, AUTO IGNITION TEMPERATURE 480 F.

Fire Fighting Procedures:DO NOT FIGHT FIRES WITH EXPLOSIVES INVOLVED.

IMMEDIATELY EVACUATE PERSONNEL TO A SAFE LOCATION. FLAMMABLE  
LIMITS: N/A.

Unusual Fire/Explosion Hazard:THESE UNITS CAN BE EXPLOSIVELY DETONATED  
BY FIRE, HEAT, IMPACT, ELECTRIC CURRENT AND RADIO FREQUENCY (RF)  
ENERGY.

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Accidental  
Release Measures  
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Spill Release Procedures:N/A.

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Handling and Storage  
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Handling and Storage Precautions:STORE IN ACCORDANCE WITH REQUIREMENTS  
OF CFR TITLE 27 REGULATING THE HANDLING AND STORAGE OF EXPLOSIVE  
DEVICES, CLASS 1.4 S OR 1.4C.

Other Precautions:UNITS ARE TO BE HANDLED ONLY BY PERSONS TRAINED AND  
QUALIFIED TO HANDLE EXPLOSIVE DEVICES.

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Exposure Controls/Personal Protection  
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Respi

ratory Protection:NOT REQUIRED DURING NORMAL USE. NIOSH APPROVED  
RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN .

Ventilation:LOCAL EXHAUST: N/A. MECHANICAL (GENERAL): N/A. SPECIAL:  
N/A. OTHER: N/A.

Protective Gloves:PROTECTIVE GLOVES .

Eye Protection:SAFETY GLASSES (ANSI APPROVED - ) ARE RECOMMENDED.

Other Protective Equipment:STATIC GROUNDING IS RECOMMENDED WHEN  
HANDLING UNSHUNTED UNITS.

Work Hygienic Practices:USE GOOD HYGIENE PRACTICES CONSISTENT WITH  
NORMAL INDUSTRIAL PRA  
CTICE.

Supplemental Safety and Health

INTERNAL ENERGETIC MATERIALS (LESS THAN 0.7 GRAMS, HERMETICALLY  
SEALED).

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Physical/Chemical Properties  
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HCC:E2

Appearance and Odor:METAL CASES WITH VARIOUS TYPES OF ELECTRICAL  
CONNECTIONS.

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Stability and Reactivity Data  
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Stability Indicator/Materials to Avoid:YES

DO NOT ATTEMPT TO OPEN OR REMOVE THE INTERNAL EXPLOSIVE COMPONENTS.

Stability Condition to Avoid:AVOID EXCESSIVE

HEAT, FIRE, IMPACT,  
ELECTRICAL AND RF ENERGY.  
Hazardous Decomposition Products:SHRAPNEL, LEAD COMPOUNDS, ZIRCONIUM  
OXIDES, NITROGEN OXIDES.

===== Toxicological Information =====

Toxicological Information:N/P.

===== Ecological Information =====

Ecological:N/P.

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

Waste Disposal Methods:UNITS MAY ONLY BE DISPOSED OF BY PEOPLE LICENSED  
TO DISPOSE OF ORDN  
ANCE DEVICES OR MATERIALS. DISPOSE OF IN  
ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS .

===== MSDS Transport Information =====

Transport Information:N/P.

===== Regulatory Information =====

SARA Title III Information:N/P.  
Federal Regulatory Information:N/P.

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