

ENGINEERED ASSEMBLIES AND COMPONENTS CORP -- UM-1N CARBON ZINC BATTERY (D-SIZE)
-- 6135-00-120-1019

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

Product ID:UM-1N CARBON ZINC BATTERY (D-SIZE)

MSDS Date:07/01/1991

FSC:6135

NIIN:00-120-1019

MSDS Number: BKLHR

=== Responsible Party ===

Company Name:ENGINEERED ASSEMBLIES AND COMPONENTS CORP

Address:5289 CAPITAL BLVD

City:RALEIGH

State:NC

ZIP:27604-2925

Country:US

Info Phone Num:919-790-9700

Emergency Phone Num:919-790-97

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CAGE:0AC65

=== Contractor Identification ===

Company Name:ENGINEERED ASSEMBLIES AND COMPONENTS CORP

Address:5289 CAPITAL BLVD

Box:City:RALEIGH

State:NC

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

Ingred Name:MERCURY (SARA III)

CAS:7439-97-6

RTECS #:OV4550000

Other REC Limits:NONE SPECIFIED

OSHA PEL:S, C, 0.1 MG/M3

ACGIH TLV:S, 0.05 MG/M3; 9192

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

===== Hazards I

dentification =====

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

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

Health Hazards Acute and Chronic:EXPOSURE TO MERCURY-ACUTE:

SKIN:IRRITATION, ANURIA. EYE:IRRITATION, CORNEAL INJURY OR BURNS.

INGESTION:IMMEDIATE NECROSIS IN MOUTH, THROAT, ESOPHAGUS & STOMACH.

DEATH MAY OCCURE. INHALATION:DYSPNEA, COUGH, FEVER, NAUSEA &

VOMITING, DIARRHEA, STOMATITIS, SALIVATION & METALLIC TASTE.

CHRONIC: CNS DISTUR

BANCES.

Explanation of Carcinogenicity:CADMIUM IS AN ANTICIPATED/SUSPECTED

CARCINOGEN BY IARC AND NTP.

Effects of Overexposure:TREMORS, CONVULSIONS & OTHER CNS DISTURBANCES,

PNEUMONITIS, CHEST PAINS, DYSPNEA, COUGHING, STOMATITIS, GINGIVITIS

AND LOOSENING OF TEETH, SALIVATION, LOSS OF MEMORY, METALLIC TASTE,

DIZZINESS, CLUMSINESS, SLURRED SPEECH, DIARRHEA, PAIN & NUMBNESS

IN EXTREMITIES, NEPHRITIS, ANXIETY, HEADACHE, WEIGHT LOSS, AND

INSOMNIA.

Medical Cond Aggravated by

Exposure:PERSONS WITH A HISTORY OF

ALCOHOLISM, CHRONIC KIDNEY DISEASE OR KNOWN ALLERGY TO MERCURY MAY

BE AT INCREASED RISK FROM EXPOSURE TO MERCURY IF THE BATTERY IS

RUPTURED.

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

First Aid:IF EXPOSED TO RUPTURED BATTERY-INHALATION: REMOVE TO FRESH

AIR. IF NOT BREATHING GIVE CPR/OXYGEN. GET MEDICAL ATTENTION. EYE:

IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET

MEDICAL ATTENTION. SKIN: WA

SH SKIN WITH PLENTY OF SOAP & WATER.

INGESTION: GET IMMEDIATE MEDICAL ATTENTION.

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

Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMICAL.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A
FULL FACED SELF CONTAINED BREATHING APPARATUS. EVACUATE AREA. COOL
FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:COMBUSTION OR HEAT OF FIRE MAY PRODUCE
HAZAR

DOUS DECOMPOSITION PRODUCTS AND VAPORS OF MERCURY. CELL MAY
EXPLODE IN FIRE.

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

Spill Release Procedures:PICK UP ALL BATTERIES. FOR A SMALL SPILL OF A
RUPTURED BATTERY: COLLECT THE DUST WITH A VACUUM CLEANER AND SAVE
FOR DISPOSAL. WASH THE AREA.

Neutralizing Agent:NONE

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

Handling and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED
AREA A

WAY FROM HEAT. STACK CARTONS NO MORE THAN 4 LAYERS HIGH ON A
PALLET AND NO MORE THAN 3 PALLETS HIGH.

Other Precautions:DO NOT SEAL BATTERIES IN AIR TIGHT OR WATERTIGHT
CONTAINERS OR COMPARTMENTS. DO NOT RUPTURE OR THROW BATTERIES IN
FIRE. DO NOT RECHARGE BATTERIES.

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

Respiratory Protection:NORMALLY NOT REQUIRED. WEAR MASK WHEN HANDLING
DUST FROM RUPTURED BATTERY.

Ventilation:GENERAL/LOCAL EXHAUST VENTILATION.

Pro
tective Gloves:RUBBER, IF HANDLING RUPTURED BATTERY.

Eye Protection:NONE

Other Protective Equipment:NONE REQUIRED.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

THERE ARE NO HEALTH HAZARDS IN HANDLING BATTERIES UNLESS THE BTTERIES
ARE RUPTURED. WHEH HANDLING RUPTURED BATTERY DO NOT GET ON SKIN, IN
EYES OR ON CLOTHING. DO NOT BREATHE VAPORS. HMIS SUSPECT THAT
FOLLOWING INGREDIENTS ARE ALSO PRESENT:ZINC,
KOH/NAOH , CARBON AND
MANGANESE DIOXIDE.

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

HCC:N1

Appearance and Odor:RECTANGULAR BATTERY

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS AND BASES

Stability Condition to Avoid:HIGH TEMPERATURES

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCTS INCLUDE
TOXIC MERCURY VAPORS, MOLTEN AND BURNING FUMES.

===== Disposa

I Considerations =====

Waste Disposal Methods:DO NOT INCINERATE, BURY IN LANDFILL IN
ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATION.

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