

AVEX ELECTRONICS CORP -- NICKEL-CADMIUM SEALED CELL BATTERY -- 6140-01-075-7816

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

Product ID:NICKEL-CADMIUM SEALED CELL BATTERY

MSDS Date:08/17/1992

FSC:6140

NIIN:01-075-7816

MSDS Number: BVHGW

=== Responsible Party ===

Company Name:AVEX ELECTRONICS CORP

Address:1683 WINCHESTER ROAD

Box:1026

City:BENSALEM

State:PA

ZIP:19020-4510

Country:US

Info Phone Num:215-638-3

300

Emergency Phone Num:215-638-3300

CAGE:58414

=== Contractor Identification ===

Company Name:AVEX ELECTRONICS CORP

Address:1683 WINCHESTER ROAD

Box:1026

City:BENSALEM

State:PA

ZIP:19020-4510

Country:US

Phone:215-638-1515

CAGE:58414

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

Ingred Name:CADMIUM (PRESENT AS CADMIUM, CADMIUM HYDROXIDE, CADMIUM  
OXIDE)

CAS:7440-43-9

RTECS #:EU9800000

Fraction by Wt: 8-20%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.2 MG/M3 DUST; Z-

2  
ACGIH TLV:0.01 MG/M3 DUST;9394  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingrid Name:NICKEL (PRESENT AS NICKEL, NICKEL HYDROXIDE, NICKEL OXIDE)  
CAS:7440-02-0  
RTECS #:QR5950000  
Fraction by Wt: 15-35%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:1 MG/M3  
ACGIH TLV:1 MG/M3; 9394

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

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:NOT APPLICABLE FOR FINISHED PRODUCT  
USED UNDER NORMAL CONDIT  
IONS.

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 OF NOSE AND THROAT, SWEATING,  
CHILLS, SHORTNESS OF BREATH, WEAKNESS, LOCAL DERMATITIS, NAUSEA,  
COUGHING, CHEST PAINS.

Medical Cond Aggravated by Exposure:RESPIRATORY SYSTEM DISORDERS,  
PROSTATE DISORDERS, LIVER AND KIDNEY DISORDERS.

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

First Aid:INHAL  
ATION-REMOVE FROM EXPOSURE, SEE PHYSICIAN.  
INGESTION-INDUCE VOMITING IF CONSCIOUS, SEE A PHYSICIAN. SKIN OR  
EYES-FLUSH WITH WATER FOR 15 MINUTES. SEE PHYSICIAN IF SYMPTOMS  
DEVELOP.

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

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, WATER.  
Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SELF-CONTAINED  
BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN A  
FIRE.

=====  
===== Accidental Rel

ease Measures =====

Spill Release Procedures:CONTAIN THE SPILL. COLLECT THE SPILLED MATERIAL AND PLACE IT IN A PLASTIC-LINES CONTAINER. HEPA VACUUMING IS PREFERRED. FLUSH SPILL AREA WITH WATER.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WEAR NIOSH/MSHA APPROVED DUST MASK OR RESPIRATOR; IMPERVIOUS GLOVES AND SAFETY GLASSES OR GOGGLES. KEEP CONTAINER CLOSED,

AVOID CONTACT WITH CLOTHES.

Other Precautions:AVOID GENERATING DUST.

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

Respiratory Protection:NIOSH/MSHA APPROVED FOR DUST.

Ventilation:LOCAL EXHAUST: YES. MECHANICAL (GENERAL): YES. MAINTAIN OSHA PEL.

Protective Gloves:IMPERVIOUS.

Eye Protection:SAFETY GLASSES/GOGGLES.

Other Protective Equipment:DO NOT WEAR CONTAMINATED CLOTHING HOME. SHOWER AND CHANGE OR WEAR COVERALLS.

Work Hygienic Practices:KEEP FOOD AND TOBACCO AWAY FROM WORK AREA.

Supplemental Safety and Health  
NONE.

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

HCC:Z4

Spec Gravity:1.6

Appearance and Odor:NONE SPECIFIED BY MANUFACTURER.

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

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:AVOID SHORTING. USE ONLY APPROVED CHARGING METHODS.

Hazardous Decomposition Products:METAL OXIDES MAY BE EVOLVED AT TEMPERATURES ABOVE MELTING POIN

T.

Conditions to Avoid Polymerization:DO NOT PUNCTURE BATTERY CASE.

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

Waste Disposal Methods:DISPOSE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS. IF DISCARDED. TREAT AS HAZARDOUS WASTE.

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.