

AVEX ELECTRONICS CORP -- NICKEL-CADMIUM SEALED CELL BATTERY -- 6140-00-411-9967

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Product Identification  
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Product ID:NICKEL-CADMIUM SEALED CELL BATTERY

MSDS Date:08/17/1992

FSC:6140

NIIN:00-411-9967

MSDS Number: BQCRV

=== 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

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Composition/Information on Ingredients  
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Ingred Name:CADMIUM (SARA III) 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:SEE 1910.

1027  
ACGIH TLV:0.01 MG/M3 DUST;9394  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:NICKEL (SARA III) 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; 9293

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

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.  
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO  
Reports of Carcinogenicity:NTP:YES  
IARC:YES OSHA:YES  
Health Hazards Acute and Chronic:BELOW IS WRITTEN FOR WHEN BATTERY  
LEAKS. IRRITATION OF NOSE AND THROAT, SWEATING CHILLS, SHORTNESS OF  
BREATH, WEAKNESS, LOCAL DERMATITIS, NAUSEA, COUGHING, CHEST PAINS.  
(HEALTH HAZARDS NOT APPLICABLE FOR FINISHED PRODUCT USED UNDER  
NORMAL CONDITIONS.)  
Explanation of Carcinogenicity:NICKEL AND CADMIUM AND THEIR COMPOUNDS  
ARE LISTED AS CARCINOGENS OR POTENTIAL CARCINOGENS.  
Effects of Overexposure:IRRITATION OF NOSE AND T  
HROAT, 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.

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

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

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Fire Fighting Measures  
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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.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

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

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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Handling and Storage  
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Handling and Storage Precautions: WEAR NIOSH/MSHA APPROVED DUST MASKS OR RESPIRATORS; IMPERVIOUS GLOVES; AND SAFETY GLASSES OR GOGGLES.

Other Precautions: KEEP CONTAINER CLOSED, AVOID CONTACT WITH CLOTHING, AVOID GENERATING DUST.

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Exposure Controls/Personal Protection  
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Respiratory Protection: NIOSH/MSHA APPROVED FOR DUST.

Ventilation: LOCAL EXHAUST OR GENERAL MECHANICAL VENTILATION.

Protective Gloves: IMPERVIOUS

Eye Protection: SAFETY GLASSES

Other Protective Equipment: SHOWER AND CHANGE OF WEAR COVERALLS.

Work Hygienic Practices: DO NOT WEAR CONTAMINATED CLOTHING HOME. KEEP FOOD AND TOBACCO AWAY FROM WORK AREA.

Supplemental Safety and Health

THIS MSDS IS FOR P/N AV-2248-BP.

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Physical/Chemical Properties  
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HCC: B1

Spe

c Gravity:1.6

Appearance and Odor:BATTERY.

Percent Volatiles by Volume:0

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

Stability Indicator/Materials to Avoid:YES

NONE SPECIFIED BY MANUFACTURER.

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

Hazardous Decomposition Products:METAL OXIDE FUMES MAY BE EVOLVED AT TEMPERATURES ABOVE MELTING POINT.

Conditions to Avoid Polymerization:DO NOT PUNCTURE BATTERY CASE.

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posal Considerations =====

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

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