

AVEX ELECTRONICS CORP -- NICKEL CADMIUM STORAGE BATTERY -- 6140-01-113-0014

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Product Identification
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Product ID:NICKEL CADMIUM STORAGE BATTERY

MSDS Date:10/21/1986

FSC:6140

NIIN:01-113-0014

MSDS Number: BJYBM

=== 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:215-638-3300

Emer

gency 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 AND CADMIUM HYDROXIDE

Fraction by Wt: 8-15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3 (FUME)

ACGIH TLV:0.05 MG/M3

Ingred Name:NICKEL AND NICKEL HYDROXIDE

Fraction by Wt: 3-5

%
Other REC Limits:NONE SPECIFIED
OSHA PEL:1.0 MG/M3
ACGIH TLV:1.0 MG/M3

Ingred Name:POTASSIUM HYDROXIDE (SARA III)
CAS:1310-58-3
RTECS #:TT2100000
Fraction by Wt: 2-4%
Other REC Limits:NONE SPECIFIED
OSHA PEL:C, 2 MG/M3
ACGIH TLV:C 2 MG/M3; 9192
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

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

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 365 MG/KG (KOH)
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:Y
ES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:CONTACT WITH INTERNAL CONTENTS MAY CAUSE CHEMICAL BURNS. PROLONGED OR REPEATED OVEREXPOSURE TO INTERNAL CONTENTS MAY CAUSE SKIN SENSITIZATION TO NICKEL (NICKEL ITCH). CADMIUM AND CADMIUM HYDROXIDE MAY CAUSE RENAL FAILURE AND RESPIRATORY PROBLEMS.
Explanation of Carcinogenicity:NICKEL & NICKEL HYDROXIDE ARE CONSIDERED SUSPECTED CARCINOGENS.
Effects of Overexposure:INTERNAL CONTENTS MAY CAUSE EYE AND SKIN IRRITATION
, BURNS, OR DERMATITIS.
Medical Cond Aggravated by Exposure:PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE SKIN, RESPIRATORY TRACT OR KIDNEY MAY BE AT INCREASED RISK FROM EXPOSURE TO THE INTERNAL CONTENTS OF THIS BATTERY.

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

First Aid:EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. REM

DO NOT CONTAMINATE CLOTHING. GET MEDICAL ADVICE.

INGESTION : DO NOT INDUCE VOMITING. RINSE MOUTH & DRINK LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION.

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

Extinguishing Media: USE MEDIA APPROPRIATE FOR SURROUNDING FIRE.

Fire Fighting Procedures: WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: COMBUSTION OR HEAT OF FIRE MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS AND VAPORS OF CADMIUM OXIDE.

EXPOSURE TO EXCESSIVE HEAT MAY CAUSE BATTERY TO EXPLODE.

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

Spill Release Procedures: WIPE/SOAK UP WITH PAPER TOWEL OR INERT ABSORBENT. PUT BATTERY CASE AND/OR CONTENTS IN DISPOSAL CONTAINER. FLUSH ANY RESIDUE FROM AREA WITH WATER.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage

Precautions: STORE AT ROOM TEMPERATURES. DO NOT BREAK OPEN BATTERY CASE. DO NOT SHORT CIRCUIT. USE RECOMMENDED CHARGE RATES.

Other Precautions: FULL ENCAPSULATION (POTTING) OF BATTERIES WILL PREVENT VENTING RESULTING IN POSSIBLE EXPLOSION.

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

Respiratory Protection: NONE NORMALLY REQUIRED.

Ventilation: NONE NORMALLY REQUIRED.

Protective Gloves: RUBBER GLOVES

Eye Protection: SAFETY GLASSES RECOMMENDED.

Other Protective Equipment:

NONE NORMALLY REQUIRED.

Work Hygienic Practices: WASH THOROUGHLY IF CONTACT IS MADE WITH INTERNAL CONTENTS.

Supplemental Safety and Health

NONE

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

HCC: N1

Appearance and Odor: NI-CAD 1.2 VOLT STORAGE BATTERY, APPROXIMATELY 1.3 INCHES DIA. BY 3.5 INCHES LONG

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

Stability Indicator/Materials to Avoid: YES

NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition

ion Products:CADMIUM OXIDE FUMES

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

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

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