

ALEXANDER MFG CO. -- RA109, NICAD BATTERY, SEALED -- 6140-01-274-0835

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Product Identification  
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Product ID:RA109, NICAD BATTERY, SEALED

MSDS Date:03/16/1992

FSC:6140

NIIN:01-274-0835

MSDS Number: BMQVQ

=== Responsible Party ===

Company Name:ALEXANDER MFG CO.

Address:1511 S. GARFIELD PL

Box:1508

City:MASON CITY

State:IA

ZIP:50401-5662

Country:US

Info Phone Num:515-423-1161

Emergency Phone

Num:515-423-8955

CAGE:56469

=== Contractor Identification ===

Company Name:ALEXANDER TECHNOLOGIES INC

Address:1511 S. GARFIELD PL

Box:1508

City:MASON CITY

State:IA

ZIP:50401

Country:US

Phone:515-423-1161/8955

CAGE:56469

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Composition/Information on Ingredients  
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Ingred Name:NICKEL & NICKEL HYDROXIDE (SARA III)

CAS:12054-48-7

RTECS #:QR7040000

Fraction by Wt: 20-30%

Other REC Limits:NONE SPECIFIED

OSHA PEL:1 MG NI/M3

ACGIH TLV:0.1 MG NI/M3; 9293

EPA Rpt Qty:10 LBS

DO

T Rpt Qty:10 LBS

Ingred Name:CADMIUM AND CADMIUM HYDROXIDE

Fraction by Wt: 13-15%

Other REC Limits:NONE SPECIFIED

OSHA PEL:0.1 MG/M3 (FUME)

ACGIH TLV:0.05 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 =====

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

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

Health Hazards Acute and Chronic:ACUTE: NOT APPLICABLE. CHRONIC: NOT APPLICABLE.

Explanation of Carcinogenicity:NO INFORMATION AVAILABLE.

Effects of Overexposure:NOTE: UNDER NORMAL USE, THE RA109 BATTERY DOES NOT RELEASE TOXIC MATERIAL. IF BATTERY RUPTURES, SKIN CONTACT WITH TRACE AMOUNTS OF POTASSIUM HYDROXIDE WILL CAUSE BURNS.

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

First Aid:POTASSIUM HYDROXIDE

IDE: FLUSH EYES FOR 15 MINUTES WITH WATER AND

WASH SKIN TISSUE WITH WATER. IF PATIENT IS CONSCIOUS GIVE LARGE

QUANTITIES OF WATER. DO NOT INDUCE VOMITING. GET EMERGENCY MEDICAL ATTENTION.

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

Extinguishing Media:NO INFORMATION AVAILABLE

Fire Fighting Procedures:WEAR SELF CONTAINED BREATHING APPARATUS IF LARGE QUANTITIES OF BATTERIES ARE ON FIRE.

Unusual Fire/Explosion Hazard:CADMIUM FUMES MAY BE RELEASES DURING

BURNING.

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

Spill Release Procedures:ELECTROLYTE, POTASSIUM HYDROXIDE IS CAUSTIC.  
DO NOT ALLOW SKIN OR EYE CONTACT. FLUSH WITH WATER. THERE IS ONLY  
TRACE AMOUNTS OF POTASSIUM HYDROXIDE AVAILABLE IN THE BATTERY.

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

Handling and Storage Precautions:DO NOT INCINERATE OR MUTILATE; MAY  
BURST RELEASING TOXIC MATERIAL (CADMIUM FUMES).  
Other Precautions:DO  
NOT SHORT CIRCUIT THE BATTERY, IT MAY CAUSE BURNS  
WHEN IN CONTACT WITH THE SKIN OR EYES.

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

Supplemental Safety and Health  
NONE

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

HCC:Z5

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

Stability Indicator/Materials to Avoid:YES  
NO INFORMATION AVAILABLE.  
Stability Condition to Avoid:BURNING (FIRE), RUPTURING.  
Hazardous Decomposition Products:CADMIUM FUMES MAY BE RELEASED DURING A  
FIRE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND  
FEDERAL REGULATIONS.

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