

# AA Portable Power Corp.Date

## MATERIAL SAFETY DATA SHEET

### SECTION 1 - IDENTIFICATION

Date:12/01/10

PRODUCT NAME:	Lithium Manganese Dioxide Battery CR2032 / CR2025 / CR2016 etc.		
Hazardous Components	<u>NAME</u>	<u>%(optional)</u>	
	Manganese Dioxide	27wt%	
	Lithium Metal	2wt%	
	Organic Electrolyte	8wt%	
		Battery weight of CR2032: 3.0g CR2025: 2.4g CR2016: 1.7g	

### SECTION 2 - PHYSICAL DATA

BOILING POINT:	N/A	SPECIFIC GRAVITY:	N/A
VAPOR PRESSURE:	N/A	MELTING POINT:	N/A
VAPOR DENSITY:	N/A	EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	N/A	WATER REACTIVE:	N/A
APPEARANCE:	Button Shape	ODOR:	N/A

### SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
FLAMMABLE LIMITS:	N/A
SPECIAL FIRE FIGHTING PROCEDURES	As with any fire, do not use water to put out the fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS:	Battery cells may rupture when exposed to excessive heat; this could result in the release of hazardous materials.

### SECTION 4 - REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	Fire, heat over 60°C, electrical shorting, recharging, disassembly ,incinerate or expose contents to water
INCOMPATIBILITY:	N/A
HAZARDOUS POLYMERIZATION:	Will not occur

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## SECTION 5 - HEALTH HAZARD DATA

ROUTES OF ENTRY:	INHALATION:	N/A	INGESTION:	N/A	SKIN:	N/A
HEALTH HAZARD(Acute &Chronic)			These Chemicals are contained in a sealed can			
CARCINOGEN LISTED IN:			N/A			
SIGNS AND SYMPTOMS OF EXPOSURE:			N/A			
MEDICAL CONDITION AGGRAVATED BY EXPOSURE:			SGENERALLY N/A			
EMERGENCY FIRST AID PROCEDURES:			In the event that battery ruptures, wipe with dry cloth, then flush with water and get prompt medical attention for contact with eyes.			

## SECTION 6 - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:	In the event of rupture, collect all material in a plastic bag for waste disposal.
WASTE DISPOSAL METHOD:	These batteries do not have hazardous waste characteristics, and they can be l and filled as per Local, State, and Federal regulations.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:	Store in a dry place. Storing unpackaged cells could result in cell shorting and heat build-up.

## SECTION 7 - CONTROL MEASURES

RESPIRATORY PROTECTION:	As in any fire situation, use self contained breathing apparatus	EYE PROTECTION:	N/A	
PROTECTIVE GLOVES:	N/A	OTHER PROTECTIVE CLOTHING:	N/A	
VENTILATION:	LOCAL EXHAUST:	N/A	MECHANICAL:	N/A
	SPECIAL:	N/A	OTHER:	N/A