

Ni Cad Battery

Material Safety Data Sheet  
May be used to comply with  
OSHA's Hazard Communication Standard,  
29 CFR 1910.1200, Standard must be  
consulted for specific requirements.

U.S. Department of Labor  
Occupational Safety and Health Administration  
(Non-Mandatory Form)

IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any item is not applicable, or no information is available the space must be marked to indicate that.

Section I

Manufacturer's Name <b>SANYO ELECTRIC CO., LTD.</b>	Emergency Telephone Number <b>0799-24-4111</b>
Address (Number, Street, City, State, and ZIP Code) <b>222-1 KAMINAIZEN, SUMOTO CITY,</b>	Telephone Number for information <b>0799-24-4111</b>
<b>HYOGO, JAPAN 656</b>	Date Prepared <b>Nov. 27, 1991</b>
Signature of Preparer <i>Yuji Morioka</i>	

Section II - Hazardous ingredients/identity information

Hazardous Components (Specific Chemical Identity Common Name(s))	CSHA PEL	ACGIH TLY	Other Limits Recommended (optional)
<b>CADMIUM</b>	<b>5MICRO GRAM/M</b>	<b>50MICRO G/M</b>	
<b>KOH (POTASSIUM HYDROXIDE)</b>			
<b>NaOH (SODIUM HYDROXIDE)</b>			

Section III - Physical/Chemical Characteristics

Boiling Point <b>N/A</b>	Specific Gravity (H <sub>2</sub> O=1)	
Vapor Pressure(mmHg) <b>N/A</b>	Melting Point	
Vapor Density(AIR=1) <b>N/A</b>	Evaporation Rate (Butyl Acetate=1)	- -
Solubility in Water <b>N/A</b>		

Appearance and Odor

**A CLYNDRICAL OR PRISMATIC METAL CAN WITH OR WITHOUT PLASTIC TUBE JACKET**

Section IV - Fire and Explosion Hazard Data

Flash Point(Method Used) <b>N/A</b>	Flammable Limits	LEL	UEL
Extinguishing Media <b>N/A</b>			
Special Fire Fighting Procedures <b>N/A</b>			

Unusual Fire and Explosion Hazards

**THERE IS NO FLAMEABLE OR EXPLOSIVE MATERIAL USED IN THE BATTERY.**

(Reproduce locally)

*Ni Cad Battery*

Section V - Reactivity Data

Stability	Unstable	Conditions to Avoid
	Stable XX	

Incompatibility (Materials to Avoid)

N/A

Hazardous Decompositions or Byproducts

N/A

Hazardous Polymerization	May Occur	Conditions to Avoid
	Will Not Occur XX	

Section VI - Health Hazard Data

Route(s) of Entry:            Inhalation?                            Skin?                            Ingestion?

Health Hazards (Acute and Chronic)

Carcinogenicity:                            NTP?                            IARC Monographs?                            OSHA Regulated?

Signs and Symptoms of Exposure

SKIN IRRITATION BY ELECTROLYTE

Medical Conditions

Generally Aggravated by Exposure            SKIN BURN

Emergency and First Aid Procedures

WASH OUT ELECTROLYTE WITH WATER

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

WASH OUT RELEASED OR SPILLED ELECTROLYTE WITH WATER OR  
NEUTRALIZE ELECTROLYTE WITH BORIC ACID

Waste Disposal Method

DO NOT INCINERATE IT SHOULD BE TAKEN TO A LANDFILL WASTE AREA

Precautions to Be Taken in Handling and Storing

DO NOT PUT IN A FIRE. HANDLE THE PRODUCT GENTLY

Other Precautions

Section VIII - Control Measures

Respiratory Protection (Specify Type)

N/A

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves

NOT NECESSARY

Eye Protection

NOT NECESSARY

Other Protective Clothing of Equipment

Work/Hygienic Practices

NOTHING IN PARTICULAR