SONY

Sony Energy Devices Corp. Koriyama Plant

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PRODUCT SAFETY DATA SHEET

IDENTITY

Product Category

: Lithium-Ion Rechargeable Battery

Model Name

: US18650VT

Nominal Capacity

: 1080Ah(at 4.1V charge)

Average Operating Voltage

Chemical System

: 3.6 V : Lithium Metal Oxide / Carbon □No.

Designed for Recharge

: Yes.

SECTION [MANUFACTURER'S INFORMATION

Manufacturer's Name

: Sony Energy Devices Corp. Koriyama Plant

Supplier's Name

: Sony Corp.Core Technology & Network Company Energy Co.

Supplier's Address Information Telephone : 1-11-1 Oosaki, Shinagawa-ku, Tokyo 141-0032 Japan : Japan +81-3-5435-3279 (Sony Corp.MSNC E Co)

Emergency Telephone

: Japan +81-3-5435-3282 (Sony Corp.MSNC E Co)

Date Prepared

: March 23, 2007

Signature of Paper

SECTION [HAZARDOUS INGREDIENTS

IMPORTANT NOTE
The battery should not be opened or burned since the following

ingredients contained within the product that could be harmful under some

circumstance if exposed or misuse.

The battery contains neither metallic lithium nor lithium alloy.

Cathode

Lithium-Manganese Oxide (activity material)

Lithium-Nickle Oxide (activity material)

Polyvinyldiene Fluoride (binder)

Graphite

(conductive material)

Anode Carbon

(activity material)

Polyvinyldiene Fluoride

(binder)

Electrolyte

Organic Solvent Lithium Salt

(non-aqueous liquid)

Others

Heavy metals such as Mercury, Cadmium, Lead, and Chromium are not

used in the cells.

SECTION FIRE HAZARD DATA

In case of fire, it is permissible to use any class of extinguishing medium or water on these batteries or their packing material.

Cool exterior of batteries if exposed to fire to prevent rupture.

SECTION HEALTH HAZARD DATA

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Under normal condition of use, these chemicals are contained is sealed can. Risk of exposure occurs only if the cells are mechanically abused.

Inhalation

: Contents of an opened cell can cause respiratory irritation.

Provide fresh air and call a doctor.

Skin Contact: Contents of an opened cell can cause skin irritation.

Wash skin with soap and water.

Eye Contact : Contents of an opened cell can cause eye irritation.

Immediately flush eyes thoroughly with water for at least

15 minutes. Seek medical attention.

SECTION | PRECAUTIONS FOR SAFE HANDLING AND USE

Comment [0001]:

Storage

:Store in a cool, well-ventilated area. Do not expose to

high temperature (60 □).

Since short circuit can cause burn hazard or safety vent to open, do not store with metal jewelry, metal covered tables, or metal belt.

Handling

:Do not disassemble ,crush ,or solder. Do not short + and

-terminals with a metal. Do not open the battery.

Charging

: Charge within the limits of 0 \square to 45 \square temperature.

Charge with specified charger designed for this battery.

Discharging

: Discharge within the limits of -20 □ to 60 □ temperature.

Disposal

: Dispose in accordance with applicable federal, state and local regulations.

Warning

: Fire, Explosion, and Severe Burn Hazard. Do not Crush, Disassemble,

Heat Above 212 °F □ Or Incinerate..

SECTION [SPECIAL PROTECTION INFORMATION

Comment [DDD2]:

Respiratory Protection

:Not necessary under normal use.

Ventilation

: Not necessary under normal use.

Eye Protection

: Not necessary under normal use.

Protective Gloves

: Not necessary under normal use.