Sony Energy Devices Corporation

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SAFETY PRODUCT DATA SHEET

IDENTITY

Product Category

: Lithium-Ion Rechargeable Battery Pack

Model Name (Brand)

: AS10D41 (Acer)

Nominal Capacity

: 4400mAh / 48Wh

Average Operating Voltage

: 10.8V

Chemical System

: Lithium-Cobalt Oxides / Carbon

Designed for Recharge

: 🖂 Yes.

☐ No. Lithium ion batteries are not subject to dangerous goods regulation for the purpose of transportation by the U.S. Department of Transportation (DOT), the International Civil Aviation Organization (ICAO), the International Air Transport Association (IATA) or the International Maritime Dangerous Goods regulations (IMDG). With regard to air transport, the International Civil Aviation Organization (ICAO) Packing Instruction 965 Part 1 complies with the Recommendation as is; further, the International Air Transport Association (IATA) adopts ICAO Packing Instruction 965 Part 1. In addition, the regulations of the US Department of Transportation for land, sea and air transportation are based on the UN Recommendations.

SECTION MANUFACTURER'S INFORMATION

Supplier's Name

: Sony Energy Devices Corporation

Supplier's Address

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Date Prepared

: Dec.14, 2009

Signature of Paper

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MATERIALS AND INGREDIENTS INFORMATION SECTION II

IMPORTANT NOTE: The battery pack uses six US18650GR lithium-ion rechargeable cells and control

circuit on the PWB.

The cells are connected in 2 parallel strings of 3 cells in series.

The battery pack should not be opened or burned since the following ingredients contained within the cells could be harmful under some circumstance if exposed or

misused.

The cells contain neither metallic lithium nor lithium alloy.

Cathode

Lithium-Cobalt Oxides

(active material)

Polyvinyldiene Fluoride

(binder)

Graphite

(conductive material)

Anode

Graphite

(active material)

Polyvinyldiene Fluoride

(binder)

Electrolyte

Organic Solvent

(non-aqueous liquid)

Lithium Salt

Others

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

cells.

Enclosure

Plastic (PC)

SECTION **■** FIRE HAZARD DATA

In case of fire, use CO₂ or dry chemical extinguishers.

SECTION IV HEALTH HAZARD DATA

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

Inhalation

: Contents of an opened cell can cause respiratory irritation.

Remove to fresh air immediately 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 V PRECAUTIONS FOR SAFE HANDLING AND USE

Storage

: Store within the recommended limit of -20°C to 60°C (-4°F to 140°F), well-ventilated area. Do not expose to high temperature (80°C/176°F). 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, remodel, or solder. Do not short + and - terminals with a metal. Do

not open the battery pack.

Charging

: Charge within the limits of 0°C to 60°C (32°F to 140°F) temperature.

Charge with specified charger designed for this battery pack.

Discharging

: Discharge within the limits of 0°C to 75°C (32°F to 167°F) temperature.

Disposal

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

Caution

: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions. Do not incinerate, (or) disassemble; may explode or release

toxic materials. Do not short circuit; may cause burns.

SECTION VI SPECIAL PROTECTION INFORMATION

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.

DISCLAIMER

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