HP Product Information Sheet

HP-Brand Non-Spillable Lead-Acid Battery Packs

PURPOSE OF THIS DOCUMENT
The products addressed in this document are generally viewed as “articles” that are exempt from requirements for Material Safety Data Sheets (MSDSs) under the Hazard Communication Standard of the U.S. Occupational Safety and Health Administration (OSHA) and may be exempt from similar standards in other countries. In particular, these products are manufactured according to a specific design, have an end-use dependent upon such design, and do not normally release more than trace amounts of hazardous chemicals. Hewlett-Packard Company (HP) is nevertheless providing information in this document about these products as a service to its customers.

The information in this document is not intended to be comprehensive, nor is it a substitute for the information provided by the manufacturers of the battery packs in their Product Information Sheets or similar documents.

PRODUCT IDENTIFICATION
The products covered by this document are HP-branded Non-Spillable Lead-Acid battery packs designed and marketed for use with HP Uninterruptible Power Systems (UPS).

DISPOSAL
Do not incinerate. Spent battery packs should be disposed of or recycled in accordance with any applicable national, state/provincial, and local requirements. HP encourages the environmentally sound recycling of these batteries. HP has joined the Call2Recycle™ recycling program of the Rechargeable Battery Recycling Corporation. In the U.S. and Canada, please call 1-800-8-BATTERY or go to www.rbrc.org for information on recycling your used batteries.

TRANSPORTATION
GROUND – US DOT No proper shipping name; not regulated as a hazardous material.

HP battery packs have been tested and meet the non-spillable criteria listed in CFR 49, 173.159a. Non-spillable batteries are excepted from CFR 49, Subchapter C requirements, provided that the following criteria are met:
1. The batteries must be protected against short circuits and securely packaged.
2. The batteries and their outer packaging must be plainly and durably marked “NON-SPILLABLE” or “NONSPILLABLE BATTERY”.

AIRCRAFT – ICAO-IATA: No proper shipping name; not regulated as a hazardous material.

HP battery packs have been tested and meet the non-spillable criteria listed in IATA Packing Instruction 806 and Special Provision A67. These batteries are excepted from all IATA regulations provided that the battery terminals are protected against short circuits.

The words “Not Restricted, as per Special Provision A67” must be included in the description on the Air Waybill.

VESSEL – IMO-IMDG: No proper shipping name; not regulated as a hazardous material.

HP battery packs have been tested and meet the non-spillable criteria listed in IMDG Code Special Provision 238 .1 and .2; therefore, are not subject to the provisions of the IMDG Code provided that the battery terminals are protected against short circuits when packaged for transport.

Additional Information:
Each battery and the outer packaging must be plainly and durably marked “Non-spillable” or “Non-spillable Battery”.
Transport requires proper packaging and paperwork, including the nature and quantity of goods, per applicable origin/destination/customs points as shipped.
SAFETY PRECAUTIONS

UNUSUAL FIRE AND EXPLOSION HAZARDS:
Highly flammable hydrogen gas is generated during charging and operation of batteries. To avoid risk of fire or explosion, keep sparks or other sources of ignition away from batteries. Do not allow metallic materials to simultaneously contact negative and positive terminals of cells and batteries.

CAUTION: Fire, Explosion, and Severe Burn Hazard. Do Not Crush, Disassemble, Heat Above 40°C / 120°F, or Incinerate. In case of fire, use CO2 or dry chemical extinguishers.

Under normal condition of use, chemicals are contained in sealed assemblies. Risk of exposure occurs only if the battery is mechanically abused. Contents of an opened battery can cause respiratory/skin/eye irritation. In the event physical damage to battery cells results in leakage of chemical contents, individuals coming in contact with those chemicals should follow these steps:

INHALATION:
Sulfuric acid: If breathing is difficult, remove to fresh air immediately. If symptoms persist, seek medical attention. Lead: Remove from exposure, gargle, wash nose and lips; consult physician.

INGESTION:
Sulfuric acid: Give large quantities of water; do NOT induce vomiting; consult physician. Lead: Consult physician immediately.

SKIN CONTACT:
Sulfuric acid: Flush with large amount of water for at least 15 minutes. Remove contaminated clothing, including shoes. Lead: Wash immediately with soap and water.

EYE CONTACT:
Sulfuric Acid and Lead: Flush immediately with large amounts of water for at least 15 minutes; consult physician.

FOR ADDITIONAL INFORMATION

US DOT Pipeline and Hazardous Materials Safety Administration (PHMSA)
http://www.phmsa.dot.gov/hazmat/regs

IATA Guidance Documents: http://www.iata.org/whatwedo/cargo/dangerous_goods/Pages/index.aspx

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