

Why is labeling important for lithium-ion batteries?

Improper labeling can result in accidents, regulatory penalties, and delays in shipping. Therefore, adhering to the correct labeling guidelines is crucial to mitigate these risks and ensure safe handling throughout the shipping process. Every shipment containing lithium-ion batteries must display the correct UN number and proper shipping name.

What are the packaging requirements for lithium ion batteries / cells?

ACS - No requirements. UN3481, Lithium Ion Batteries / Cells - PI967 Section II. The equipment must be packed in strong rigid outer packaging. Large equipment can be offered for transport unpackaged or on pallets when the cells or batteries are afforded equivalent protection by the equipment in which they are contained.

What is a lithium battery label?

The Lithium Battery label is required for consignments which have a larger number, or more powerful, batteries. The Lithium Battery label is also specified in the IATA DGR. The label must be in the form of a square set at 45° (diamond shaped). The minimum dimensions must be 100x100 mm.

Where can I find the lithium battery marking and labeling guidelines?

You can find the lithium battery marking and labeling guidelines inside Section 7 of the latest copy of the Dangerous Goods Regulations (DGR) or the Lithium Battery Shipping Regulations (LBSR). What do the Lithium Battery Marks and Labels Look Like? The lithium battery mark is required as specified in the DGR.

Do you need a hazard label for lithium-ion batteries?

For example, air shipments might need a "Cargo Aircraft Only" label if the batteries are not allowed on passenger planes. The United Nations Economic Commission for Europe (UNECE) provides guidelines on the specific hazard labels required for transporting dangerous goods like lithium-ion batteries.

Is lithium battery shipping dangerous?

While classified as a dangerous good, lithium battery shipping takes very specific requirements. that you can find inside the Dangerous Goods Regulations. However, if you only ship lithium batteries you can purchase the Lithium Batteries Shipping Regulations as a standalone manual.

Lithium battery label should be printed in color. ... IMDG or whatever regs your country uses for road transport's website. By the way, it is strictly forbidden to send dangerous goods (batteries) through the mail, domestic and ...

When examining the battery label look for the word "Lithium" or the chemical symbol "Li" and if you are unable to find this then do an internet search based on the battery's make & model. Australian Lithium Battery Shipping Regulation by ...

Battery warning labels are adhesive indicators on battery packaging specifically designed to alert handlers and consumers about the potential risks associated with batteries. ...

In conclusion, the lithium battery transport caution label plays an essential role in the safe shipping of lithium batteries. Its clear indication of the presence of lithium batteries ...

In order to identify packages containing Lithium and Sodium batteries it is essential to label them as specified under the appropriate dangerous goods regulations (applicable to all transport ...

Lithium battery shipping information for air transport referenced in this guide (including pictured labels) are based on the 2022 International Air Transport Association (IATA) Dangerous ...

-Sea Transport: Sea transport follows similar guidelines as air transport, with packaging requirements enforced under the International Maritime Dangerous Goods (IMDG) ...

Every lithium-ion battery must be assigned a specific UN number and a proper shipping name. The most common UN numbers include UN3480 for standalone lithium-ion batteries and ...

The outer box must have the UN number, proper shipping name (e.g. UN 3480, Lithium-ion batteries), and hazard labels. Use laminated labels to prevent damage from condensation. Avoid placing battery shipping labels on ...

Labelmaster can help your company adapt quickly. We have lithium battery labels, packaging, forms, training materials, and more. ... New requirements in the UPS Battery Shipping Policy ...

Lithium Battery Shipping Overview (also see 49CFR173.185) PGH Safety ... o This section applies to the transport of small lithium ion (<20 watt hours for cells/<100 watt hours for batteries) and ...

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