



# Lithium battery label pdf

2023 LITHIUM BATTERY SHIPPING GUIDE . JANUARY 1, 2023 . The following guide provides a summary of marking, labeling and paperwork requirements for shipping lithium batteries via domestic US ground (49 CFR 171-180 in effect 1-Jan-2023), international air (2023 IATA DGR, 64th Edition) and international

The Common Types of Lithium Battery Labels. Lithium battery shipping labels UN3080, UN3081, UN3490, and UN3491 are used to identify and properly handle packages containing lithium batteries during transport. Here's an explanation of each label and their main differences: 1. UN3480: Lithium-Ion batteries

Lithium battery labels meet compliance with PHSMA & ICAO/IATA regulations. Stock and custom options to choose from. Fast & free shipping +\$39.95. Order now! Review 4.8 stars from 4,711 reviews. A SmartSign Store (800) 952-1457 Mon - Fri 8:00am to 7:00pm EST; Free Shipping\* For US orders ...

Lithium cells and batteries are classified as a hazardous materials in the United States unless the specific cell or battery meets an exemption in the 49 CFR. Consult current regulations to determine whether or not an exemption applies. When transporting lithium cells and batteries by air, IATA Dangerous Goods Regulations must be adhered to.

This document provides templates for lithium ion battery hazard labels for shipping. It includes labels for "UN3480" for lithium ion batteries that are not contained in equipment, "UN3481" for lithium ion batteries contained in or packed with equipment, and a multimodal lithium battery hazard label for large batteries or large quantities of small batteries. It also provides contact ...

DANGEROUS GOODS LABEL UN 3481 Lithium-Ion batteries packed with equipment Attention: ... o Any printing must retain the label minimum size of: X = 12 cm width Y = 11 cm height Cut off the label below, and paste it securely outside the box/case. TEL: (001) 352 323 3500 (INT) 1 1 800 535 5053 (USA/CA) UN 3481

Lithium Battery Class 9 Hazard Label Lithium Battery Mark Cargo Aircraft Only Label NOTE: No text other than the Class "9" must be included in the bottom part of the Lithium Battery Class 9 label. IATA 7.2.2.4 \* \*\* Shipper must add UN number(s). It should be 12 mm high AND Shipper must complete phone number portion of label.

View the PDF for 49 CFR 172.447; These links go to the official, published CFR, which is updated annually. As a result, it may not include the most recent changes applied to the CFR. ... In addition to complying with 172.407, the background on the LITHIUM BATTERY label must be white with seven black vertical stripes on the top half. The ...

USPS Packaging Instruction 9D Lithium Metal and Lithium-ion Cells and Batteries -- Domestic. Except according to 349.21, lithium metal (nonrechargeable) cells and batteries and lithium-ion (rechargeable) cells and batteries are mailable in limited quantities domestically via air or surface transportation when they are installed in or packed with the equipment they are intended to ...

FULLY REGULATED LITHIUM BATTERIES (Packing Instruction P903) Revision Date: 11/8/2023 Page 1 of 9 [Guide #26] ... Lithium Battery Class 9 label Example of completed package for transport by road in ADR Contracting Parties, UN3091, LITHIUM METAL BATTERIES PACKED WITH EQUIPMENT:

The 2024 HAZMATEAM Lithium Battery Shipping Guide summarizes lithium battery classification, package marks/labels, documentation and packaging requirements. [CLICK HERE TO DOWNLOAD](#) the free HAZMATEAM Lithium Battery Shipping Guide (pdf). See the LITHIUM BATTERY TRANSPORTATION NEWS section below for significant 2024 updates to ...

Our Lithium Batteries UN3481 Labels meet DOT, ICAO and IATA labeling requirements for shipping lithium batteries. These labels are preprinted with the UN 3481. Labels include a writable area for emergency response contact information. 0 Select Design: LB-2997 LB-3481 ...

Figure 1 - Example of Lithium Metal Cells and Batteries Lithium-ion batteries (sometimes abbreviated Li-ion batteries) are a secondary (rechargeable) battery where the lithium is only present in an ionic form in the electrolyte. Also included within the category of lithium-ion batteries are lithium polymer batteries.

UN3480 - Lithium ion battery (RECHARGABLE BATTERIES) UN3482 - Lithium Ion battery (RECHARGABLE BATTER- ... the appropriate label provided and attach to the package to be returned and write your contact phone number on the label Sample Packaging: Lithium Batteries Blister Pack Blister Pack Cushioning Divider UN 3480 UN 3482 UN 3090 UN 3091

4 o Lithium metal (LiM) o are generally non-rechargeable (primary, one-time use). o have a longer life than standard alkaline batteries o are commonly used in hearing aids, wristwatches, smoke detectors, cameras, key fobs, children"s toys, etc. LITHIUM BATTERY TYPES There are many different chemistries of lithium cells and batteries, but for transportation purposes, all lithium ...

2024 Lithium Batteries Regulations: Battery Types. Step 1 - What type of battery are you shipping? Tip: Click the below buttons to get more details on each type of batteries. Lithium ion batteries or cells . are rechargeable (secondary) lithium ion or lithium polymer cells or batteries. These are very commonly found in portable consumer

The provisions of the DGR with respect to lithium batteries may also be found in the IATA lithium Battery Shipping Guidelines (LBSG) 8. th. Edition. In addition to the content from the DGR, the LBSG also has additional classification flowcharts and detailed packing and documentation examples for lithium batteries.



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o Revision to the lithium battery mark. A telephone number is no longer required on the lithium battery mark. Lithium battery marks with a phone number may continue to be applied until December 31, 2026. o Packing Instructions 965 and 968 - removal of Section II o Packing Instructions 966 and 969 - clarification on protection against ...

EPA hosted a series of virtual feedback sessions and issued a request for information to seek input on all battery chemistries (e.g., lithium-based and nickel-metal hydride) and all battery types (e.g., small format primary or single-use and rechargeable batteries; mid-format; large format vehicle batteries, including electric vehicles; and ...

If you're shipping lithium ion batteries as a standalone, use a battery label with UN3480. Standalone means the package only contains batteries and nothing else. If you're shipping lithium ion batteries contained in or packed with equipment, use a battery label with UN3481.

Types of Battery Warning Labels. The types of battery warning labels cater to different kinds of batteries and transportation scenarios. The most common types include: Lithium battery labels: For lithium-ion and lithium-metal batteries, indicating specific hazards and handling precautions. Cargo aircraft only labels: For batteries restricted to ...

o Application of a new lithium battery handling label for certain lithium batteries. o Enhanced packaging and revised quantity limits for lithium batteries as shown in Table 3-1 and in the new Packing Instructions. This guidance is intended to address commonly asked questions regarding these provisions.

USPS Packaging Instruction 9E Lithium Metal and Lithium-ion Cells and Batteries -- International and APO/FPO/DPO. Lithium metal (non-rechargeable) cells and batteries and lithium-ion (rechargeable) cells and batteries are mailable in limited quantities internationally or to and from APO, FPO, or DPO locations only when they are properly installed in the equipment they operate.

Every shipper of lithium batteries via air transport has the responsibility to comply with IATA 3.9.2.6.1(g) requirements as of 01 January 2020 . ADR regulations have incorporated this requirement for ground transport (01 July 2019) and it is expected that other

Class 9 Miscellaneous Label exception for lithium battery packages imported into the domestic US. The DOT has issued an interpretation letter that permits shippers of lithium batteries to leave the Class 9 miscellaneous label still affixed to the package and still take advantage of the exceptions offered for



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