

Un3480 lithium ion batteries label

What is a un3480 & un3481 lithium ion battery label?

1. UN3480: Lithium-Ion batteries This label is used for shipments containing only lithium ion batteries. It applies to standalone lithium ion batteries that are not packed with or contained in equipment. 2. UN3481: Lithium-Ion batteries contained in or packed with equipment

What is a UN number for a lithium ion battery?

UN Number: This indicates the type of battery and its associated risks. For example, "UN3480" for lithium-ion batteries shipped alone, and "UN3481" for lithium-ion batteries contained in or packed with equipment. Text: A telephone number for additional information. 3. Materials

What is a un3090 lithium ion battery?

This label is used for lithium ion batteries that are either packed alongside equipment or installed within equipment. For example, a laptop with its battery installed or a device with a separate battery pack in the same package. 3. UN3090: Lithium metal batteries

How important is un3480 / un3090 packaging for lithium batteries?

In Summary The importance of UN3480 / UN3090 regulations Failing to use the right, UN3480 compliant packaging for shipment of lithium batteries could have dire consequences for your business.

What is a 3480 or 3481 lithium ion battery?

UN-No: 3480 or 3481 Lithium-Ion Batteries and Lithium-Ion batteries contained in equipment or packed with equipment. 07: ADR/RID Requirements Transit by road

What happens if you don't use un3480 compliant packaging?

Failing to use the right, UN3480 compliant packaging for shipment of lithium batteries could have dire consequences for your business. This could extend to significant fines, jail sentences for individuals within your organisation and the reputational damage of having caused a (potentially fatal) accident.

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 ...

containing both lithium ion cells and lithium metal cells must be shipped as UN 3090 or UN 3091, as appropriate. Note 1 - A small "hybrid" battery may not contain more than 1.5 g of lithium metal contained within all

UN3480, Lithium Ion Batteries / Cells - PI965 Section IA. Packaging: Each battery /cell must be protected



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against a short circuit and placed in an inner packaging that completely encloses the battery /cell, then placed in a strong rigid outer packaging.

What is the difference between UN3480 and UN3481? The easiest way to explain this is that a laptop would be considered UN3481. The lithium-ion battery inside the laptop is providing power to the actual laptop (equipment). The battery inside that laptop is classified as UN3480. A battery shipped alone would be classified UN3480.

Lithium ion and lithium polymer cells or batteries - 2022 IATA DGR UN3480 - PI965 UN 3481 -PI966 UN3481 - PI967 Section PI965-Section IB PI966 - Section II PI967 - Section II ... No Requirements "Lithium ion batteries in compliance with Section II of PI967" (See "Note 3") Required marks and labels No Requirements (See "Note 3 ...

§ 173.185 Lithium cells and batteries. As used in this section, consignment means one or more packages of hazardous materials accepted by an operator from one shipper at one time and at one address, receipted for in one lot and moving to one consignee at one destination address. Equipment means the device or apparatus for which the lithium cells or batteries will ...

UN3480, Lithium ion batteries >2.7 Wh and <20 Wh Forbidden (PAX) < 8 cells (CAO) NA NA. Allowable Net Mass Per Package Shippers Dec? Labels/ Markings UN Spec Required? ... batteries in compliance with Section II of PI965-CAO" on AWB. Lithium Battery Mark + CAO Label + Overpack Mark (if applicable) 1.2 m drop test. SOC < 30% < One Package Per ...

Officially, yes: Lithium-ion batteries are governed under the United Nations regulations UN3480 and UN3481 as Class 9 "miscellaneous dangerous goods." Two dangers stand out: First, improperly packaged lithium-ion batteries can lead to short circuits if they come into contact with each other or with other conductive surfaces. Second, thermal runaway can occur if improperly ...

The Class 9 Lithium Battery label (IATA Figure 7.3.X) is required on all Section I, IA, and IB shipments. The phone number will be optional to include on the label effective 1/1/23. Note: No text is allowed on the bottom half of the label outside of the number "9." ... UN 3480, Lithium Ion Batteries Sections IA and IB have a state of charge ...

Ideal for packaging that contains lithium ion or lithium metal batteries, our high-quality labels help reduce risks during transit. Available for immediate purchase from Labeline, a trusted leader in dangerous goods labelling and compliance. ... When you purchase the Class 9A Lithium Battery Label UN3480 dangerous goods hazard labels you should ...

Get your Lithium Battery Labels delivered on time and fully compliant with UN3481, UN3091 and UN3480 international air regulations. View pricing online. ... these Caution/Hazard labels are required on all packages carrying Lithium Ion or Lithium Metal Batteries. These labels are designed in accordance with International



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air regulations. When it ...

This two-in-one, paper UN3480 Preprinted Shipping Name Class 9 Lithium Ion Batteries label combines the label (172.400) with the marking requirements of 172.300. These standard tab labels measure 100mm x 120mm.

UPS only accepts air shipments of UN3090 or UN3480, lithium metal or ion batteries packed alone (without equipment) as fully regulated shipments. Section II or 49CFR 173.185(c) will not be accepted for air transport. ... 2019, and is currently authorized for use. The modified Class 9 label includes a graphic to illustrate the presence of ...

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 ...

UN3480. For more info Ph: UN3480. For more info Ph: "UN3480" for lithium ion batteries. Label Dimensions 120mm Length x 110mm Height "UN3480" for lithium ion batteries. Label Dimensions 120mm Length x 110mm Height. Supplied courtesy of AIRSAFE Transport Training Scheduled courses available: Adelaide, Brisbane, Darwin, Melbourne, Perth ...

IATA Lithium Battery Shipping Guidelines 8. th. edition (English) Effective 1 January 2021 . ADDENDUM . 27 January 2021 Page 4/7 o UN 3480 Lithium ion batteries (including lithium polymer batteries), shipped as A.O.G. spares: o The words "A.O.G. Spares" must be entered in the "Additional Handling Information" on the Shipper"s

UN Number - UN3480 Proper shipping name - Lithium ion batteries Net weight required if Qty varies in multiple Pkgs Strong Rigid outer packaging (See PI for types) Inner packages must completely enclose Cell/Battery Protection against short circuit or arching Label required Class 9 Class 9 and Lithium battery handling label Lithium battery ...

LITHIUM ION BATTERIES (PI 965, Section IB) Revision Date: 12/16/2021 Page 1 of 8 [Guide #2] ... UN3480, LITHIUM ION BATTERIES, 9 (PI 965, Section IB -> Partially excepted, small cells & batteries) ... Lithium Battery class 9 label, Lithium Battery Mark and the Cargo Aircraft Only Label.

UN3481: This label is used when shipping lithium-ion batteries that are packed with or contained in equipment. It applies when the batteries are part of a device or packed together with other equipment. Standalone Battery Shipments (UN3480): If you are shipping lithium-ion batteries as a standalone item, ensure that you use a battery label with ...

The UN3480 Lithium Battery Handling Mark at Labeline - ideal for marking shipments with lithium-ion

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batteries. This label meets international regulations, aiding handlers in following correct ...

UN3480, Lithium ion batteries. NA. NA > 2.7 Wh and <100 Wh &2 Batteries Forbidden (PAX) N . 1. 9 + Lithium Battery Mark + CAO Label 1.2 m drop test &One Package Per Overpack + OP Label SOC &30% PI 965, Section II &1package per consignment UN3480, Lithium ion batteries &2.7 Wh and &20 Wh

Lithium ion batteries contained in equipment meeting the provisions of Section II of Packing Instruction 967 of the IATA Regulations. No more than four cells or two batteries may be mailed in any single package. Lithium battery mark labels are not required for packages that contain no more than four cells or two batteries contained in devices. UN3091

o Lithium Battery Class 9 Hazard label (See Figure 1) o Cargo Aircraft Only (CAO) label required (See Figure 3) o Dangerous goods surcharge ... Lithium Ion Batteries UN3480, P.I. 965 Section IB Acceptable to dangerous goods locations Only. Cells equal to ...

quantity is the net weight of the article, e.g. for "Lithium ion batteries contained in equipment", the net quantity is the net weight of the lithium ion batteries in the package. Overpack means an enclosure used by a single shipper to contain one or more packages and to form one handling unit for convenience of handling and stowage.

For the purposes of this guidance document and the IATA Dangerous Goods Regulations, power banks are to be classified as batteries and must be assigned to UN 3480, lithium ion batteries, ...

-- Lithium ion batteries with a mass of 12 kg or greater and having a strong, impact-resistant outer casing, or assemblies of such batteries, may be transported when packed in strong outer packagings or ... The provisions for a lithium battery handling label as contained in the 2015-2016 Edition of these Instructions (Part 5;3.5.2 and Figure 5 ...

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