

# Lithium battery un number 3481

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

Why are lithium batteries labeled with un3480 or un3481?

Compliance with Shipping Regulations: Properly labeling lithium batteries with UN3480 or UN3481 ensures compliance with shipping regulations. It helps shipping carriers and handlers identify the contents of the package and handle them appropriately. Q1: Why don't UPS use lithium batteries?

Does a lithium battery Mark have a UN number?

Yes. The mark may bear all applicable UN numbers, e.g. UN 3091, UN 3481, to identify that the package contains lithium metal batteries packed with or contained in equipment and lithium ion batteries packed with, or contained in equipment. J. What are the requirements for the telephone number on the lithium battery mark?

What does un3481 mean on a battery label?

Batteries Packed with or Contained in Equipment (UN3481): If you are shipping lithium-ion batteries that are part of a device or packed with equipment, use a battery label with UN3481. This label highlights that the batteries are packed together with or contained in equipment.

What is the proper shipping name for lithium ion batteries?

Proper Shipping Name Mark - "Lithium ion batteries packed with equipment" or "Lithium ion batteries contained in equipment", as appropriate. Note: if the package contains both lithium ion batteries packed with and contained in equipment, the proper shipping name is "Lithium Ion Batteries Packed with Equipment".

What is un 3481 177 843 - contamination of vehicles?

177.843 - Contamination of vehicles. Substance information for UN 3481 - Lithium ion batteries contained in equipment including lithium ion polymer batteries based on the Hazardous Materials Table (Title 49 CFR 172.101) to assist in preparing a risk assessment for loading, transporting and storing hazardous materials.

UN 3481, Lithium-ion batteries contained in equipment; or; UN 3481, Lithium-ion batteries packed with equipment. UN Number and Packing Instructions . Below we have provided a summary of UN numbers and their corresponding Packing Instruction for each mode of transport. Shippers must refer to the relevant transport regulations for detailed ...

transport by air. Lithium metal batteries (UN 3090) are not allowed for transport in cargo of passenger aircrafts. Lithium -ion batteries (UN 3480) are accepted for cargo transport only with a State of Charge of 30%

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or less. Note: For the IATA Guidance Document on lithium batteries, see the address: o UN DGR Lithium Batteries

UN-number: 3481: Name: LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT or LITHIUM ION BATTERIES PACKED WITH EQUIPMENT (including lithium ion polymer batteries) Comment: Class: 9: Classification: M4: Packing group: Labels: 9A: Danger number: Transport category: 2: Tunnel code (E) Special provisions:

This applies to UN 3481 Lithium ion batteries contained in equipment (see Section II of Packing Instruction 967) and UN3091 Lithium metal batteries contained in equipment (see section II of Packing ... What are the requirements for the telephone number on ...

"Lithium ion batteries, in compliance with Section II of PI967"on AWB. 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. NOTE: the requirement to apply lithium battery mark does not apply to: -- packages containing only button cell

The battery must be UN 38.3 tested and installed in the vehicle. The battery must not be damaged or defective. If battery is not installed, must ship as "UN 3091, Lithium Metal Batteries Packed with Equipment" or "UN 3481, Lithium Ion Batteries Packed with Equipment", as applicable.

Substance information for UN 3481 - Lithium ion batteries packed with equipment including lithium ion polymer batteries based on the Hazardous Materials Table (Title 49 CFR 172.101) to assist in preparing a risk assessment for loading, transporting and storing hazardous materials. ... UN-Number Name Hazard Class; UN 3028: Batteries, dry ...

UN Number Class Proper Shipping Name UN 3401: 4.3: Alkali metal amalgam, solid UN 3402: 4.3: Alkaline earth metal amalgam, solid UN 3403: 4.3: ... UN 3481: 9: Lithium-ion batteries contained in equipment or lithium-ion batteries packed with equipment (including lithium-ion polymer batteries)

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

What are the requirements of Special Provision 34? Special Provision 34 exempts a person from the TDG Regulations (except for Parts 1 and 2) if lithium cells or batteries are handled, offered for transport or transported on a road vehicle, railway vehicle or vessel on a domestic voyage and if certain conditions are met.. If each cell and battery type has not passed all the tests in ...

The UN Battery label is used to identify the package as containing a lithium battery and to indicate that it may

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pose a significant risk during transportation. It is a legal requirement to label packages containing lithium batteries with the appropriate UN 3481 label when they are being transported by air, sea, or road, to ensure the safe ...

UN/NA 3481: CAMEO Chemicals has no chemical datasheets with response recommendations for this UN/NA number. Response recommendations from the ERG are provided below. Emergency Response Guidebook (ERG, 2024) ... UN: Lithium ion batteries contained in equipment including lithium ion polymer batteries: 9: 9: UN:

UN 3481, Lithium ion batteries packed with equipment; UN 3481, Lithium ion batteries contained in equipment; UN 3090, Lithium metal batteries ... (IATA Figure 7.1.C) is required and used for Section IB and permitted Section II lithium battery shipments, the UN number(s) must be added to the mark. The UN number indicated on the mark should be at ...

- PSN and UN number - Class 9 Li Battery label; Lithium Battery mark; - CAO Label Shipper's Declaration UN3480 Lithium ion cells and batteries must be offered for transport at a ... UN 3481 - LITHIUM ION BATTERIES CONTAINED IN EQUIPMENT Packing Instruction 967 Cells ? 20 Wh Batteries ? 100 Wh Cells <= 20 Wh Batteries <= 100 Wh

The words "Lithium ion batteries in compliance with Section II of PI 967" must be included in AWB ELI (RU-04): UN 3481 (RLI, ELI) Lithium ion batteries contained in equipment LABELLING PACKING INSTRUCTION 967 REQUIRED DOCUMENTATION Cells: more than 20 Wh, Batteries: more than 100 Wh Cells: not more 20 Wh, Batteries: not more 100 Wh Please note:

and must be assigned to UN 3480, lithium ion batteries, or UN 3090, lithium metal batteries, as ... o UN 3481, Lithium ion batteries contained in equipment; or o UN 3481, ... number, email address and website for more information; (c) ...

Lithium Battery Shipping Overview (also see 49CFR173.185) PGH Safety Jan 2024 ... o The new version of the handling mark must include the appropriate UN Identification number (see Basic Transport requirements above) as well as a phone number for additional information about

small lithium ion batteries packed with equipment . net wt of small batteries per package is no more than 5 kg o lithium ion batteries packed with equipment, un 3481 o ground & vessel transport o battery size: small (un tested) o declaration/shipping paper: no o equipment and battery in same package. battery not installed.

3481 Lithium ion batteries contained in equipment or UN 3481 Lithium ion batteries packed with equipment, as appropriate. Lithium ion batteries or lithium metal batteries installed in a cargo transport unit designed only to provide power external to the cargo transport unit must be assigned to UN 3536, Lithium

The phone number is optional. AGGREGATE LITHIUM CONTENT - The sum of the grams of lithium ... If



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the only lithium batteries are Section II and are those in packages that are excepted from having the Lithium Battery Mark then do not select UN 3481 PI 967 or UN 3091 PI 970 in the FedEx automation system (so ELB does not appear on the

LITHIUM ION BATTERY PACK BMP21 -PLUS BATTSDS Version 5 - March 22, 2019 ... PRODUCT USE: Battery Pack UN NUMBER: Battery: UN 3480; Battery Packed within Equipment: UN 3481 HAZCHEM CODE (Australia) : 4W SUPPLIER OF THE SAFETY DATA SHEET . U.S. SUPPLIER/MANUFACTURER'S NAME : Entrusted by Brady Worldwide Inc. ...

lithium ion cells and batteries (see UN Nos. 3090, 3091, 3480 and 3481, and the applicable special ... 38.3.3 When a cell or battery type is to be tested under this sub-section, the number and condition of cells and batteries of each type to be tested are as follows: (a) When testing primary cells and batteries under tests 1 to 5 the following ...

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