

How do I ship lead acid batteries?

UN specification packaging such as 4G fiberboard boxes, various types of drums, and wooden boxes are all compliant to ship lead acid batteries per the 49CFR. If you are shipping by air, a leakproof liner is also a requirement as well.

What is a lead acid battery?

Let's take a look at the various domestic and international regulations. For the purpose of this blog, we will be examining Lead Acid Batteries classified as UN2794 which are Batteries, wet, filled with acid. Per the 49CFR 173.159, lead acid batteries must be packaged in a manner to prevent a dangerous evolution of heat and short circuits.

How should lead acid batteries be packaged?

Per the 49CFR 173.159, lead acid batteries must be packaged in a manner to prevent a dangerous evolution of heat and short circuits. This would include, when practicable, packaging the battery in fully enclosed packaging made of non-conductive material, and ensuring terminals aren't exposed.

Can I ship lead acid batteries internationally?

Similarly, the IMDG code sets out similar requirements at Packing instruction P801 when you are shipping internationally by Sea. Using UN packaging would also be acceptable to ship lead acid batteries within Canada as well as by Sea internationally. If you are shipping internationally by air, we would look in IATA at Packing instruction 870.

How are lead acid batteries transported?

The transportation of lead acid batteries by road, sea and air is heavily regulated in most countries. Lead acid is defined by United Nations numbers as either: The definition of 'non-spillable' is important. A battery that is sealed is not necessarily non-spillable.

What if I don't ship a wet lead acid battery?

If you do not ship this product type regularly, it would be wise to contact your chosen carrier in order to double check if they have any specific restrictions or packaging and labeling regulations. This diagram from UPS provides useful guidance on how to package wet lead acid batteries before shipping.

There are many types of batteries that have different requirements when you wish to mail or ship them internationally: Wet batteries, also known as flooded lead-acid batteries, are commonly found in vehicles ...

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ENGLISH. EnerSys &#174; Valve Regulated Lead Acid (VRLA) batteries are exempt from the requirements of the International Air Transport Association (IATA) Dangerous Good Regulations and U.S. Department of Transportation (DOT) Hazardous Materials Regulations since they meet the specified testing criteria. All EnerSys &#174; Nonspillable batteries that meet these criteria are ...

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Battery Shipping and Lead-Acid Batteries. When it comes to shipping batteries, especially lead-acid batteries, there are certain guidelines and regulations that need to be followed to ensure safe and efficient transportation. Proper packaging, handling, and logistics play a crucial role in the delivery process.

Lead-acid batteries belong to the eighth category of dangerous goods, transportation requires a license, and export lead-acid batteries must be specially packaged (qualified packaging certificate), otherwise the customs will not pass. Precautions: 1. Ensure adequate insulation between and around the battery and equipment. Inadequate insulation ...

A lead acid battery is considered damaged if the possibility of leakage exists due to a crack or if one or more caps are missing. Transportation companies and air carriers may require draining the batteries of all acid prior to transport. Place damaged batteries in an acid-resistant container and add soda ash to neutralize any acid that might ...

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