



U.S. Department
of Transportation

Pipeline and
Hazardous Materials
Safety Administration



IS HAZARDOUS MATT HIDING OUTDOORS?

Helpful resources on outdoors-related hazardous materials, from the U.S. Department of Transportation!





IS IT HAZMAT?

These are just a few outdoors-related items that are considered hazmat. Others include:

- Bear spray
- Aerosols, like bug spray
- Dry ice
- Devices containing lithium batteries
- Alcohol wipes and hand sanitizer
- Lighters

The Check the Box homepage includes resources to help you determine if your items are considered hazardous materials!



OUTDOOR ENTHUSIASTS KNOW TO PACK OUT WHAT YOU PACK IN.

But did you know that some of the supplies that you bring camping, hiking, or hunting are considered hazardous materials (hazmat)?

The U.S. Department of Transportation (DOT) regulates hazmat transportation in commerce, so these materials are fine to transport in your personal vehicle. However, if you choose to ship or sell them, they must be properly classified, packaged, labeled, handled, and stowed for transportation.

To help, DOT has prepared the following resources focused on common outdoors supplies, including strike-anywhere matches, DOT-39 propane cylinders, and small arms supplies.

ADVENTURE SAFELY, AND REMEMBER TO ALWAYS CHECK THE BOX BEFORE SHIPPING HAZARDOUS MATERIALS!

STRIKE-ANYWHERE MATCHES

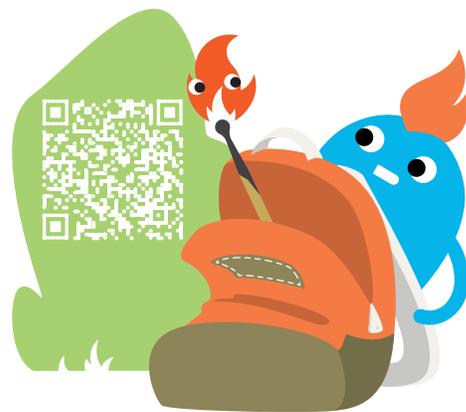
Strike-anywhere matches can be very useful in the backcountry, due to their ability to ignite by friction. But this also makes them more hazardous!

ARE YOU SHIPPING?

Unlike safety matches, strike-anywhere matches are prohibited for shipment via USPS, or by air. They must be shipped properly via non-USPS carriers, and meet requirements for packaging, marking, and quantity limits. For more, scan the QR Code to visit: [CHECK THE BOX Before Shipping Strike-Anywhere Matches!](#)

ARE YOU FLYING?

Strike-anywhere matches can't go in your checked or carry-on bag – they need to be shipped as hazmat. If you aren't driving these, consider purchasing once you get to your destination.



DOT-39 PROPANE CYLINDERS

Gas-fired camp stoves often use nonrefillable DOT-39 cylinders, such as 1 lbs. propane tanks. These are one-time-use only! To avoid fire or explosion, do **NOT** refill DOT-39 cylinders, and always ensure they are **empty** before putting them out for recycling or disposal. Never put them in the trash if they contain fuel.



ARE YOU SHIPPING?

Liquefied petroleum gases, like propane, are forbidden from transport via passenger aircraft, so expedited or overnight shipping may not be possible. Shipments of DOT-39 cylinders must meet the requirements of 49 CFR Subpart G, including a strong outer packaging and proper marking. For more, scan the QR Code to visit: **STOP! Never Refill 1 lb. Propane Bottles**

ARE YOU FLYING?

Gas cylinders and camping stoves are only permitted in carry-on or checked bags if they are completely purged of fuel.

SMALL ARMS

A wide variety of small arms-related products may be considered hazmat, including ammunition, powders and propellants, primers, percussion caps, and empty primed cartridge cases.

ARE YOU SHIPPING?

Many of these items are banned from shipment via USPS, and may have additional safety requirements for air. Packaging and markings used for ground shipments of the same product may not be acceptable for air shipments. For information on how to ship small arms-related products safely, scan the QR Code to visit: **The Facts on Small Arms Related Hazmat**

ARE YOU FLYING?

Small arms ammunition is only allowed in checked bags, and must meet specific safety criteria regarding size, type, quantity, and packaging.



SOMETIMES THE OUTDOORS ARE MORE THAN JUST A HIKE AWAY.

For more information on which of your gear and supplies can come with you on the plane, visit the Federal Aviation Administration's (FAA) PackSafe page at [faa.gov/hazmat/packsafe](https://www.faa.gov/hazmat/packsafe) and be sure to check the TSA's "What Can I Bring?" page at [tsa.gov/travel/security-screening/whatcanibring](https://www.tsa.gov/travel/security-screening/whatcanibring) for additional restrictions.

If you're shipping, visit the DOT's Check the Box page at [transportation.gov/check-the-box](https://www.transportation.gov/check-the-box) for additional resources. Always make sure to Check the Box, to ensure that your shipment reaches its destination safely!

For additional information contact:
The Hazardous Materials Info Center

1-800-HMR-4922

(1-800-467-4922)

Email: infocntr@dot.gov

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