

February 07, 2020



U.S. Department  
of Transportation

East Building, PHH-30  
1200 New Jersey Avenue S.E.  
Washington, D.C. 20590

**Pipeline and Hazardous  
Materials Safety Administration**

DOT-SP 20851  
(FIRST REVISION)

**EXPIRATION DATE: 2021-06-30**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Call2Recycle, Inc.  
Atlanta, GA
2. PURPOSE AND LIMITATIONS:
  - a. This special permit authorizes the manufacture, mark, sale, and use of certain UN Standard packagings for transporting end-of-life and/or used lithium ion cells and batteries and lithium ion batteries contained in equipment for recycling. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
  - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.
  - c. In accordance with 49 CFR 107.107(a), party status may not be granted to a manufacturing permit. These packagings may be used in accordance with 49 CFR 173.22a.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Subparts C, G, and H of Part 172 in that shipping papers, emergency response

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information, and training are required for lithium ion batteries exceeding 300 Wh, except as specified herein.

5. BASIS: This special permit is based on the application of Call2Recycle, Inc. dated September 30, 2019, submitted in accordance with § 107.105 and the public proceeding thereon.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

| <b>Hazardous Material Description</b>   |                               |                              |                      |
|---|-------------------------------|------------------------------|----------------------|
| <b>Proper Shipping Name</b>   | <b>Hazard Class/ Division</b> | <b>Identification Number</b> | <b>Packing Group</b> |
| Lithium ion batteries <i>including lithium ion polymer batteries</i>                        | 9                             | UN3480                       | N/A                  |
| Lithium ion batteries contained in equipment <i>including lithium ion polymer batteries</i> | 9                             | UN3481                       | N/A                  |

7. SAFETY CONTROL MEASURES:

a. OPERATIONAL CONTROLS:

(1) End-of-life and/or used lithium ion cells and batteries and batteries contained in equipment shipped for recycling must have originally met the requirements for testing in accordance with the edition of the UN Manual of Tests and Criteria authorized at the time of manufacture.

(2) The packagings under this special permit are not authorized for lithium ion cells and batteries and batteries contained in equipment identified as damaged, defective, or recalled.

(3) Packages containing lithium ion batteries, including lithium ion batteries contained in equipment, each with an energy content not exceeding 800 Wh are excepted from 49 CFR Part 172 Subparts C, G, and H, except as specified herein.

(4) Packages must be stored away from heat.

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(5) Lithium cells and batteries must be secured and protected against short circuiting.

(6) Equipment containing lithium cells or batteries must be protected from inadvertent activation.

b. PACKAGING:

(1) INNER PACKAGING: Each cell or battery or each piece of equipment containing these cells or batteries must be individually packed in a non-metallic packaging that completely encloses the cell, battery, or the piece of equipment containing the cells or batteries.

(2) OUTER PACKAGING: The completed inner packagings must be placed in a UN Standard metal, wooden, fiberboard with a fire-resistant liner as described in the September 30, 2019 application, or plastic box or drum that meets the Packing Group II performance level.

(3) The aggregate gross weight of a single package may not exceed 30 kg (66 pounds).

(4) Lithium ion cells or batteries that do not exceed 60 Wh or 300 Wh, respectively, including equipment containing these lithium ion cells or batteries, may be packaged in the same packaging with lithium ion batteries exceeding 300 Wh, including equipment containing lithium ion batteries exceeding 300 Wh, provided all terms of this special permit are met.

c. MARKING AND LABELING: Each package covered under the terms of this special permit must be durably and legibly marked (and labeled) on a background of contrasting color with the following:

(1) "DOT-SP 20851" in accordance with 49 CFR 172.301(c);

(2) In lieu of the marking in 49 CFR 173.185(c)(1)(iv), the words "Used Batteries for Recycling: Contains Lithium Ion Cells or Batteries or Lithium Ion Batteries Contained in Equipment. FORBIDDEN FOR TRANSPORT BY AIRCRAFT AND VESSEL - GROUND SHIPMENT ONLY" in letters at least 6 mm (0.25 inch) in height;

(3) The markings specified in Subpart D of Part 172;

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(4) The LITHIUM BATTERY label specified in and conforming to 49 CFR 172.447;

(5) A QR code, which when scanned provides a direct link to a specific URL where:

(i) The most recent revision of the special permit can be viewed or downloaded;

(ii) Emergency response information (including the emergency response telephone number) can be viewed or downloaded;

(iii) The UN ID number, proper shipping name, and hazard class of the hazardous materials can be viewed or downloaded; and

(6) The URL referenced in paragraph 7.c.(5).

d. Detailed closure, packing, and shipping instructions must be provided to individuals preparing shipments under the terms of the special permit.

e. Persons offering packages for transportation must comply with the closure instructions accompanying the packaging.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. A person who is not a holder of this special permit, but receives a package covered by this special permit, may reoffer it for transportation provided no modification or change is made to the package and it is offered for transportation in conformance with this special permit and the HMR.

c. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

d. Each packaging manufactured under the authority of this special permit must be either (1) marked with the name of

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the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Safety Approvals and Permits for a specific manufacturing facility.

e. A current copy of this special permit must be maintained at each facility where the packaging is manufactured under this special permit. It must be made available to a DOT representative upon request.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: None as a requirement of this special permit.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
  - o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
  - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term

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"exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for William Schoonover  
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at [http://hazmat.dot.gov/sp\\_app/special\\_permits/spec\\_perm\\_index.htm](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm) Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

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