

April 08, 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 20960  
(FIRST REVISION)

**EXPIRATION DATE: 2022-02-28**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Johnson Outdoors Gear, Inc.  
Binghamton, NY
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the use of non-DOT specification receptacles similar to the 2P specification, except as specified herein, for the transportation in commerce of Division 2.1 materials. 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 the development of this special permit only considered the hazards and risks associated with the transportation in commerce.
  - c. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.304(a) and 173.304a(d)(3)(ii) in that a non-DOT specification packaging is not authorized, except as specified herein, and the maximum charging pressure is exceeded.
5. BASIS: This special permit is based on the application of Johnson Outdoors Gear, Inc. dated October 21, 2019 submitted in accordance with § 107.105 and the public proceeding thereon and additional information dated April 2, 2020.

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6. HAZARDOUS MATERIALS (49 CFR 172.101):

<b>Hazardous Materials Description</b>			
<b>Proper Shipping Name</b>	<b>Hazard Class/ Division</b>	<b>Identification Number</b>	<b>Packing Group</b>
Butane	2.1	UN1011	N/A
Isobutane	2.1	UN1969	N/A
Petroleum gases, liquefied, or Liquefied petroleum gas	2.1	UN1075	N/A
Receptacle small, containing gas (gas cartridges) <i>flammable, without release device, not refillable and not exceeding 1L capacity</i>	2.1	UN2037	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are non-DOT specification, non-refillable inside containers as described herein.

(1) Daeryuk Can Co. Ltd. containers: The 4 oz. container has a water capacity not exceeding 15.07 cubic inches (0.247 L). The 8 oz. container has a water capacity not exceeding 31.06 cubic inches (0.51 L). The 16 oz. container has a water capacity not exceeding 60.41 cubic inches (0.99 L). The containers must conform to Daeryuk Can Co. Ltd. drawings on file with the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD).

(2) TaeYang Corporation containers: The containers have a water capacity not exceeding 61.02 cubic inches (1.00 L). The containers must conform to TaeYang Corporation drawings on file with the OHMSAPD.

(3) The containers must meet all the requirements specified in § 173.304a(d)(3)(ii) and § 178.33, except as follows:

**April 08, 2020**§ 178.33-2 Type and size.

(b) \* \* \*

The maximum inside diameter of the Daeryuk Can Co. Ltd. 4 oz., 8 oz., and 16 oz. containers may not exceed 4.33 inches (110.0 mm). For TaeYang Corporation containers not exceeding 0.47 L capacity, the maximum inside diameter may not exceed 4.1028 inches (105.2 mm). For TaeYang Corporation containers not exceeding 1.00 L capacity, the maximum inside diameter may not exceed 4.1591 inches (105.64 mm).

§ 178.33-7 Wall thickness.

(a) For the Daeryuk Can Co. Ltd. 4 oz. and 8 oz. containers, the minimum wall thickness of the body must be 0.012 inches (0.30 mm) with a corresponding minimum bottom thickness of 0.0197 inches (0.50 mm). For the Daeryuk Can Co. Ltd. 16 oz. container, the minimum wall thickness of the body must be 0.014 inches (0.36 mm) with a corresponding minimum bottom thickness of 0.0236 inches (0.60 mm). For the TaeYang Corporation containers not exceeding 0.47 L capacity, the minimum wall thickness of the body must be 0.0117 inches (0.30 mm) with a corresponding minimum bottom thickness of 0.0195 inches (0.50 mm). For the TaeYang Corporation containers not exceeding 1.00L capacity, the minimum wall thickness of the body must be 0.0141 inches (0.36 mm) with a corresponding minimum bottom thickness of 0.0236 inches (0.60 mm).

§ 178.33-8 Tests.

(a) Each 2,500 containers or fewer successively produced in a day must constitute a lot. These containers must be complete with ends assembled, of the same material, size, design, construction, and finish.

(b) Five containers out of each lot of 2,500 containers or fewer successively produced must be pressure tested to determine the burst pressure. The containers must be complete with ends assembled. The minimum burst pressure may not be

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less than 246 psig for the Daeryuk Can Co. Ltd. 4 oz. and 8 oz. containers, 260 psig for the Daeryuk Can Co. Ltd. 16 oz. container, and 250 psig for the TaeYang Corporation containers.

(c) If any of the test containers in the lot fail the pressure test, that lot must be rejected, or ten additional containers selected at random from the lot may be subjected to the pressure test. Should any of the ten test containers fail the test, the entire lot must be rejected.

(d) Each completed container filled for shipment must have been heated until the pressure in the container is equivalent to the equilibrium pressure of the contents at 130 °F without evidence of leakage, distortion, or other defect.

(e) The containers authorized by this special permit must be packaged in outside packagings conforming to § 173.301(a) (9).

§ 178.33-9 Marking.

(a) \* \* \*

(1) Each container must be marked "DOT-SP 20960" instead of "DOT-2P".

(b) \* \* \*

b. OPERATIONAL CONTROLS:

(1) Each container must be filled and tested in accordance with § 173.304a(d) (3) (ii), except that the maximum charge pressure may not exceed 57 psig at 70 °F and 137 psig at 130 °F for the Daeryuk Can Co. Ltd. 4 oz., 8 oz., and 16 oz. containers; and 51 psig at 70 °F and 138 psig at 130 °F for the TaeYang Corporation containers.

(2) Each outside packaging must be marked "INSIDE CONTAINERS CONFORM WITH DOT-SP 20960".

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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 who 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 reoffered 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. Transportation of Division 2.1 materials (flammable gases) are not authorized aboard cargo vessel or aircraft unless specifically authorized in the Hazardous Materials Table (§ 172.201).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, and cargo-only aircraft.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel, aircraft, and motor vehicle used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.

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.

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- 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 in addition to the training required by §§ 172.700 through 172.704.

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 "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 Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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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.

PO: BenMOORE/NICKS