



U.S. Department  
of Transportation

400 Seventh Street, S.W.  
Washington, D.C. 20590

**Research and  
Special Programs  
Administration**

**MAR 19 2004**

DOT-E 12274  
(THIRD REVISION)

EXPIRATION DATE: February 28, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Snow Peak USA, Inc.  
Clackamas, OR
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes the transportation in commerce of a Division 2.1 material in a nonrefillable, non-DOT specification inside container conforming in part with the DOT Specification 2P except for size, testing requirements, marking and maximum charging pressure. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
  - b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.304a(d)(3)(ii) in that a non-DOT specification packaging is not authorized and the maximum charging pressure is exceeded, except as specified herein.
5. BASIS: This exemption is based on the application of Snow Peak USA, Inc. dated January 20, 2004 submitted in accordance with § 107.109 and additional information dated March 19, 2004.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Petroleum gases, liquefied or Liquefied petroleum gas	2.1	UN1075	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are non-DOT specification, nonrefillable inside containers having a water capacity not exceeding 0.5 liters (30.5 cubic inches). Containers must conform to Snow Peak Camping Gas Canister drawings GP 110T and GP 250T both dated May 24, 1999, Snow Peak Camping Gas Valve drawing GP 110/250T dated May 24, 1999, and other related drawings on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA). Containers conform with DOT Specification 2P (§ 178.33) except as follows:

§ 178.33-2 Type and size.

(a) \* \* \*

(b) The maximum capacity of containers may not exceed 0.50 liter (30.5 cubic inches) and the maximum inside diameter may not exceed 106 mm (4.2 inches).

§ 178.33-7 Wall thickness.

(a) The minimum wall thickness must be 0.32 mm (0.012 inch)

§ 178.33-8 Tests.

(a) One container out of each lot of 1,000 or less successively produced must be pressure tested to destruction. The bottom end of the test container must reverse prior to any leakage or rupture. The test

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container must not burst below 18 bar (261 psig). Should the test sample fail, 10 additional samples must be taken at random from the lot and tested as above. If any of the 10 additional samples fail the test, the lot must be rejected.

§ 178.33-9 Marking.

(a) \* \* \*

(1) "DOT-E 12274" in lieu of "DOT 2P".

\* \* \*

b. OPERATIONAL CONTROLS - Each container must be filled and tested in accordance with § 173.304a(d)(3)(ii) except that the maximum charge pressure may not exceed 3.86 bar (56 psig) at 21°C (70°F) and the pressure at 54.4°C (130°F) may not exceed 9 bar (131 psig).

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

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

c. Each container must be packed in a strong outside packaging as prescribed in § 173.301(a)(9).

d. MARKING - Each outside packaging must be marked "INSIDE CONTAINERS CONFORM WITH DOT-E 12274".

e. Test data obtained under paragraph 7.a., § 178.33-8 Tests, of this exemption, must be kept on file by the grantee of this exemption and be made available upon request by the OHMEA. Additionally, the following information must be submitted to OHMEA:

(1) Burst test results for the first 20 lots tested under paragraph 7.a. of this exemption.

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- (2) Lading temperature and pressure test data for the first 20 lots to verify that each completed container has been heated until the pressure in the container is equivalent to the equilibrium pressure of the contents at 54.4°C (130°F) without evidence of leakage, distortion, or other defect and that the pressure in the container does not exceed 9 bar(131 psig) at 54.4°C (130°F) as specified in paragraph 7.b of this exemption. A description of the quality assurance controls used to assume compliance with the requirements of paragraph 7.b.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, and cargo only aircraft.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or aircraft used to transport packages covered by this exemption. The shipper must furnish a current copy of this exemption 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 exemption 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 exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this exemption 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.

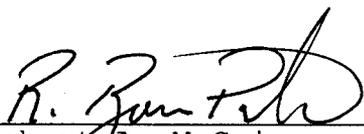
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

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

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12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

  
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Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

MAR 19 2004

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.  
Attention: DHM-31.

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: MM Toughiry/sln