U.S. Department of Transportation
Research and Special Programs Administration

JUL 29 1997

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

DOT-E 11493
(SECOND REVISION)

EXPIRATION DATE: JUNE 30, 1999

(FOR RENEWAL, SEE 49 CFR SECTION 107.109)

1. GRANTEE: The Coleman Company Inc.
Wichita, Kansas

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of a Division 2.1 material in a nonrefillable, non-DOT specification inside container conforming with the DOT Specification 2P except for size, testing requirements, marking and maximum charging pressure. This exemption provides no relief from any regulation other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR 173.304(d)(3)(ii) insofar as non-DOT specification packagings are not authorized and the maximum charging pressure is exceeded; 178.33-2(b), 178.33-8 and 178.33-9(a)(1).

5. BASIS: This exemption is renewed based on the application of The Coleman Company Inc. dated June 9, 1997, and supplemental letter dated June 11, 1997, submitted in accordance with 49 CFR 107.109 and the public proceeding thereon.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi-fication Number	Packing Group
Butane-propane mixture/Petroleum gases, liquefied or Liquefied petroleum gas	2.1	UN1075	NA

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are two designs of non-DOT specification, nonrefillable inside containers having a water capacity not exceeding 31.83 cubic inches. The first design has a capacity of 13.85 cubic

inches and conforms to Cabagaglio s.r.l. drawing ART.372.086-B on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA).

The second design has a capacity of 30.32 cubic inches and conforms to Camaud/Metal Box drawing 320176 on file with OHMEA. Both designs conform to DOT Specification 2P (49 CFR 178.33) except as follows:

§178.33-2 Type and size.

* * *

(b) * * * The maximum inside diameter of the 13.85 cubic inch container may not exceed 3.4 inches. The maximum inside diameter of the 30.82 cubic inch container may not exceed 4.25 inches. The base thickness may not be less than 0.0189 inches.

§178.33-7 Wall thickness.

(a) The minimum wall thickness of the body for a container with an inside diameter of 3.00 inches to 3.50 inches must be 0.0118 inches. The minimum wall thickness of the body for a container with an inside diameter of 3.51 inches to 4.25 inches must be 0.0138 inches.

§178.33-8 Tests.

(a) Five containers out of each lot of 25,000 containers or less successively produced each half day shall be pressure tested to determine the burst pressure. The containers shall be complete with ends assembled. The end must reverse before any leakage or bursting. The minimum burst pressure may not be less than 260 psig.

(b) Each 25,000 containers or less successively produced in a half day shall constitute a lot. These containers must be complete with ends assembled of the same material, size, design, construction and finish. If any of the test containers in a 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.

§178.33-9 Marking.

(a) * * *

(1) Each container must be marked "DOT E-11493".

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b. Each container must be filled in accordance with the provisions of §§173.304(d)(1) and (d)(3) except that the maximum charging pressure may not exceed 60 psig at 70°F, or 160 psig at 130°F.

c. 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.

d. Each container must be packed in a strong outside packaging. Each outside packaging must be marked "INSIDE CONTAINERS CONFORM WITH DOT-E 11493".

8. SPECIAL PROVISIONS:

a. Persons who receive the packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

b. Shippers using the packaging covered by this exemption must comply with all provisions of this exemption, and all other applicable requirements contained in 49 CFR Parts 171-180.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight and cargo vessel. Transportation by aircraft is prohibited.

10. MODAL REQUIREMENTS: A copy of this exemption must be carried aboard each cargo vessel used to transport packages covered by this exemption.

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. Section 5101 et. seq.:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, Parts 171-180.

- Registration required by 49 CFR 107.601 et seq., when applicable.

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

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. (49 CFR 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 incidents involving the package and shipments made under the terms of this exemption.

Issued at Washington, D.C.:

JUL 29 1997

For Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

(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.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

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