U.S. Department
of Transportation

Research and
Special Programs
Administration

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

DOT-E 8480 (EXTENSION)
SECOND REVISION May 21, 1987

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 8480 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to August 31, 1994. This change is effective from the issue date of this extension. All other terms of the exemption remain unchanged.

This extension applies only to party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.105. This extension constitutes a necessary part of this exemption and must be attached to it.

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

SEP 29 1992
(DATE)

Dist: FHWA FRA USCG FAA

EXEMPTION HOLDER	APPLICATION DATE
Gillette Company Boston, MA	July 23, 1993

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DOT-E 8480
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1. The Gillette Company, Boston, Massachusetts, is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packages prescribed herein of a flammable compressed gas for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the transportation of a flammable gas in a device which allows a slow rate of leakage of the gas, and provides no relief from any regulation other than as specifically stated. Each of the following is hereby granted the status of a party to this exemption:

Braun, Incorporated, Lynnfield, MA - PTE-1.

2. BASIS. This exemption is based on the Gillette Company's application dated September 2, 1986, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon; supplemented by letter dated January 6, 1987. The granting of party status is based on the following appliction(s) submitted in accordance with 49 CFR 107.111 and the public proceeding thereon:

Braun, Incorporated's application dated September 2, 1986.

3. HAZARDOUS MATERIALS (Descriptor and class). A device containing isobutane, classed as a flammable gas. The device must be constructed in accordance with the patent description which was part of the application.

4. PROPER SHIPPING NAME (49 CFR 172.101). Isobutane.

5. REGULATION AFFECTED. 49 CFR 173.21(e), 173.24(a)(1) and Parts 172 and 177, 175.3.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle, rail freight, cargo vessel, passenger aircraft (see paragraph 8j).

7. SAFETY CONTROL MEASURES.

a. The device will be packed in inner containers of .022 inch medium density cardboard. Each such inner container will contain a corrugated insert which will hold the device securely during transportation. Six inner containers will be packed in a fiberboard box. The packaging is described on drawings dated July 22, 1980; and as modified by letter dated May 14, 1982, or

b. The device will be packed in inner containers of .020 inch medium density cardboard. The front and top facing will contain a clear .009 inch plastic window. Each such inner container will contain a .015 inch plastic insert tray with precisely molded depression which will hold the device securely during transportation. Six inner containers will be packed in a fiberboard box.

8. SPECIAL PROVISIONS.

a. These devices may not be shipped under the provisions of 49 CFR 173.306.

b. Persons who receive packages covered by this exemption may reship them pursuant to the provisions of 49 CFR 173.22a.

c. A copy of this exemption must be carried aboard each vessel, used to transport packages covered by this exemption.

d. The maximum fuel capacity of the device may not exceed 20 grams and the maximum fuel charge may not exceed 85% by weight of the fuel capacity.

e. The maximum leakage rate of isobutane from the device may not exceed 15 mg per day at 100°F.

f. The fuel chamber in the device must be constructed to withstand, without rupture, an internal pressure of at least two times the vapor pressure of the fuel at 130°F.

g. No more than 50,000 devices may be transported in one transport vehicle or freight container.

h. When the devices are shipped in a closed, unventilated vehicle or freight container, the following warning must be affixed to the access doors: "WARNING—MAY CONTAIN EXPLOSIVE MIXTURES WITH AIR—KEEP IGNITION SOURCES AWAY WHEN OPENING." The warning must be on a contrasting background and must be readily legible from a distance of 25 feet.

i. Highway vehicles containing not more than 500 devices are not subject to paragraph 8.h. of this exemption, and are also not subject to the requirements of Parts 172 and 177 of 49 CFR when transported by highway.

j. Transportation not authorized aboard aircraft except that no more than one device may be carried by a crew member or passenger aboard an aircraft in his (her) checked or carry-on baggage if the safety cover is secured over the heating element. Under this paragraph, no requirements of 49 CFR Part 175 will apply other than as specified in this exemption.

k. These devices must be stored on deck only when transported by cargo vessel.

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package must be reported to the Office of Hazardous Materials Transportation as soon as practicable.

10. EXPIRATION DATE. November 1, 1988.

Issued at Washington, D.C.:

MAY 21 1987

(DATE)

Alan I. Roberts
Director
Office of Hazardous Materials
Transportation

Address all inquiries to: Director, Office of Hazardous Materials Transportation, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590. Attention: Exemptions Branch.

Dist: USCG, FHWA, FRA, FAA