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

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

DOT-E 7770 (EXTENSION)
THIRD REVISION February 13, 1986

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 7770 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to June 30, 1998. 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.

for Marilyn E. Morris
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

July 2, 1996
(DATE)

Dist: FHWA FRA USCG

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Eurotainer, S.A.<br>Paris, France<br>(U.S. AGENT: Eurotainer US, Inc.<br>Somerset, NJ) | May 29, 1996 |

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DOT-E 7770 (EXTENSION)
THIRD REVISION February 13, 1986
CORRECTED COPY

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 7770 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to July 31, 1996. 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.

SEP 30 1994

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

(DATE)

Dist: FHWA FRA USCG

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Eurotainer, S.A.<br>Paris, France<br>(U.S. AGENT: Eurotainer US, Inc.<br>Somerset, NJ) | July 7, 1994 |
| Parlefer S.A.R.L.<br>Paris, France<br>(U.S. AGENT: Parlefer Inc.<br>Montclair, NJ) | July 30, 1994 |

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

DOT-E 7770
(THIRD REVISION)
(CORRECTED COPY)

1. Fauvet-Girel, Paris, France (U.S. Agent: Eurencam, Washington, D.C.), is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packages and the packagings prescribed herein of a certain corrosive material or flammable liquid for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the transport of anhydrous hydrogen fluoride or anhydrous methylchloromethyl ether in certain non-DOT specification portable tanks, 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 the this exemption:

Eurotainer, Paris, France (U.S. Agent: Eurotainer, US, Inc., New York, N. Y.) - PTE-1.
Parlefer, Paris, France (U.S. Agent: Bossard Permal Consultants, Inc. New York, N.Y.) - PTE-2.

2. BASIS. This exemption is based on Fauvet Girel's application dated January 25, 1984, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon. The granting of party status is based on the following application submitted in accordance with 107.111 and the public proceeding thereon:

Eurotainer's application dated January 31, 1984.
Parlefer's application dated March 30, 1984.

3. HAZARDOUS MATERIALS (Descriptor and class). Anhydrous hydrofluoric acid, corrosive material; Anhydrous methylchloromethyl ether, flammable liquid.

4. PROPER SHIPPING NAME (49 CFR 172.101) Hydrogen fluoride; Methylchloromethyl ether.

5. REGULATION AFFECTED. 49 CFR 173.143, 173.264(b)(4), 174.63(b).

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle, rail freight and cargo vessel.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a non DOT specification portable tank mounted in a ISO frame, designed and constructed in accordance with the following Fauvet-Girel drawings technical specifications and calculations on file with the Office of Hazardous Materials Regulation (OHMR) and in compliance with the following:

| | | Drawing Co 165407B | Drawing Co 165595 |
|---|---|---|---|
| (a) | Water capacity (US Gallons) - | 4872 | 4835 |
| (b) | Tank size (inches) | | |
| | Outside diameter | 82.7 | 82.7 |
| | Length | 228.3 | 228.3 |

| | | | |
|---|---|---|---|
| | Wall thickness | .343 | .374 |
| | Head thickness | .359 | .359 |
| | Weld efficiency | 1.0 | 1.0 |
| (c) | Design pressure (psig) | 100 | 100 |
| | Test pressure (psig) | 150 | 150 |

Note: Design pressure means "maximum allowable working pressure (MAWP) as used in the ASME Code".

| | | | |
|---|---|---|---|
| (d) | Tank surface area (square feet) - | 438 | 438 |
| (e) | Insulation - | Not insulated | Not insulated |
| (f) | Safety relief devices: | | |
| | Number | 2 safety relief valves in series and outboard of 1 rupture disc each | 1 safety relief valve in series and outboard of 1 rupture disc |
| | Capacity (SCFH) - | 525,480 | 286,080 |
| | Setting (psig) - | 100 to 110% of D. P. | 100 to 110% of D. P. |
| (g) | Maximum load (pounds) | 40,500 | 40,350 |
| | Maximum gross weight | 52,920 | 52,920 |

(h) Code: Complies with Section VIII of the ASME Code and DOT 51 but not marked.

(i) Openings: 1 manhole containing fill inlet and outlets, and openings for the safety devices.

(j) Material: French specification ST SNCF 484 B Class MQ with 80,930 psi tensile strength, 55,100 psi yield strength, and 22 percent elongation.

(k) G-Loadings: Vertical down 2, Vertical up 1, Longitudinal 2, and Transverse 1.

8. SPECIAL PROVISIONS.

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

b. Hydrostatic test results for each tank must be on file with the OHMT prior to initial shipment.

c. Maximum filling density of the anhydrous hydrofluoric acid shall be 85% by weight.

d. Each tank must be (i) visually inspected prior to each trip to insure that it has not been damaged on the previous trip; (ii) visually inspected at least once in every 2-1/2 years in accordance with the provisions of 49 CFR 177.824(b); and (iii) pressure test at least once every 5 years at one and one-half times the design pressure.

e. Each portable tank must be plainly marked on both sides near the middle, in letters at least two inches high on a contrasting background, "DOT-E 7770."

f. Shippers may use the packaging covered by this exemption pursuant to 49 CFR 173.22a.

g. Portable tanks may not be transported in trailer on flatcar (TOFC) service except under conditions approved by the Associate Administrator for Safety, Federal Railroad Administration (FRA). Portable tanks may be transported in container-on-flatcar (COFC) service only under the following conditions:

1. Portable tanks must be equipped to be securely attached to a railcar equipped with an ISO standard COFC basic pedestal system designed for container support and securement;

2. Each railcar used to transport portable tanks must be equipped with a cushioning system that meets the requirements of the Association of American Railroads Specification M-952-82; and

3. Shipments made under this exemption must be in accordance with 49 CFR 174.84.

9. REPORTING REQUIREMENTS.

a. The owner of the tanks covered by this exemption shall provide to the OHMT a list of all shippers who have shipped under this exemption and a shipping experience report every six months from the effective date of this exemption. The shipping experience report shall contain approximate number of shipments made during the previous six months and any difficulties encountered.

b. The holder of this exemption, as identified in paragraph 1 above, shall contact the OHMT immediately after any of the tanks covered by this exemption are sold to another party.

c. Shippers who ship under the terms of this exemption shall report any incident involving loss of contents of the tanks described herein to the OHMT as soon as practicable.

10. EXPIRATION DATE. April 1, 1986.

Issued at Washington, D.C.:

Joseph T. Horning

for Alan I. Roberts
Director
Office of Hazardous Materials Transportation

FEB 12 1986
(DATE)

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