

May 11, 2006



U.S. Department
of Transportation

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

**Pipeline and
Hazardous Materials
Safety Administration**

DOT-SP 8232
(ELEVENTH REVISION)

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: (See individual authorization letter)
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of certain Division 2.1 and Division 2.2 materials and a Class 3 material in non-DOT specification portable tanks. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. Unless otherwise stated herein, this special permit consists of the special permit authorization letter issued to the grantee together with this document.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.315 in that a non-DOT specification portable tank is not authorized, except as prescribed herein.
5. BASIS: This special permit is based on the application of Eurotainer, SAS dated June 28, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Butadienes, stabilized or Butadienes and Hydrocarbon mixture, stabilized containing more than 40% butadienes	2.1	UN1010	N/A
Butane see also Petroleum gases, liquefied	2.1	UN1011	N/A
Butylene see also Petroleum gases liquefied	2.1	UN1012	N/A
1-Chloro-1, 1-difluoroethane or Refrigerant gas R 142B	2.1	UN2517	N/A
1,1-Difluoroethane or Refrigerant gas R 152a	2.1	UN1030	N/A
Dimethylamine, anhydrous	2.1	UN1032	N/A
Dimethyl ether	2.1	UN1033	N/A
Ethyl chloride	2.1	UN1037	N/A
Isobutylene see also Petroleum gases liquefied	2.1	UN1055	N/A
Methyl chloride or Refrigerant gas R 40	2.1	UN1063	N/A
Methylamine, anhydrous	2.1	UN1061	N/A
Pentanes	3	UN1265	I
Trimethylamine, anhydrous	2.1	UN1083	N/A
1,1,1,2-tetrafluoroethane or Refrigerant gas R 134a	2.2	UN3159	N/A
Vinyl chloride, stabilized	2.1	UN1086	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging is a non-DOT specification portable tank, mounted in an ISO Type 1C frame, designed and constructed in accordance with ANF Model 46.070; ANF drawings 4.6.07.0.931.0.000 Rev. E dated December 7, 1978 and 4.6.07.0.193.0.000 Rev. F dated November 4, 1978, except that tanks made after February 28, 1980 must have their safety relief devices mounted in accordance with ANF drawing 4.6.07.0.193.007 Rev. 0, technical specifications and calculations on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA), and in conformance to the following:

- (1) Code--Complies with IMO Type V specification and Section VIII of the ASME Code but not marked.
- (2) Water Capacity (U.S. Gallons) - 6384.
- (3) Material - French designation A52 P2 steel with 74,000 psi tensile strength, 51,000 psi yield strength and 23% elongation.

- (4) Tank Size (inches) -

<u>(outside dia.)</u>	X	<u>(length)</u>	X	<u>(thickness</u>
94.5		233.2		0.476

Head Thickness - 0.519 inch

Weld Joint Efficiency - 100%

- (5) Design Pressure (PSIG) - 185

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

- (6) Test Pressure, Minimum (PSIG) - 277.5.
- (7) Opening--One rotary gauge and one manhole containing fill and discharge outlets located on one head and safety relief device openings located on top of tank.
- (8) Tank surface area (square feet) - 578.

- (9) Safety Relief Devices - 1 spring loaded safety relief valve in series and outboard of a rupture disc both set to relieve at not less than 185 psig and not over 204 psig. Total relieving capacity is 520,000 SCFH. Each valve must be arranged to discharge upward and unobstructed to the outside of frame to prevent impingement of escaping gas on the tank itself, on other tanks or on the cargo vessel.
- (10) G-Loadings: As tested; Vertical down 2; Vertical up 2; Longitudinal 1; and Transverse 1.
- (11) Maximum Gross Weight - 61,728 Pounds.
- (12) Maximum Load - 45,178 pounds.
- (13) Tanks with the following serial numbers 780601 to 780610; 790501 to 790520; 928001 to 928010; and 929001 to 929016 equipped with safety relief valves not in compliance with Drawing 4.6.07.0.193.007 may be transported under the terms of this special permit.
- (14) Tanks built after June 1, 1981 must have their safety relief valves mounted in accordance with ANF drawing 4.6.07.931.005.
- (15) Insulation - sun shield (optional).

b. TESTING -

- (1) 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 § 180.605 for DOT 51 Specification portable tanks; and (iii) pressure tested at least once every 5 years at one and one-half times the design pressure.
- (2) Hydrostatic test certificates for each tank must be on file with the OHMSPA prior to the first shipment.

c. OPERATIONAL CONTROLS -

- (1) Sun shield must be in place when portable tanks are used to transport Dimethyl ether.

(2) 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-SP 8232."

(3) The tank must be filled so as not to be liquid full at 130°F. Maximum permitted filling density (percent by weight) must be as prescribed in §§ 173.315(a) or (b) as applicable.

8. SPECIAL PROVISIONS:

a. 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 or its contents and it is reoffered for transportation in conformance with this special permit and the HMR.

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

c. Transportation of a Division 2.1 material (flammable gases) is not authorized aboard cargo vessel unless specifically authorized in the Hazardous materials table (§ 172.101).

d. Packagings permanently marked 'DOT-E 8232', prior to October 1, 2007 may continue to be used under this special permit for the remaining service life of the packaging or until the special permit is no longer valid. Packagings marked on or after October 1, 2007 must be marked 'DOT-SP 8232'.

e. Shipping papers displaying 'DOT-E 8232' may continue to be used until October 1, 2007, provided the special permit remains valid.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel (see restriction in paragraph 8.c above.)

10. MODAL REQUIREMENTS:

a. A current copy of this special permit must be carried aboard each cargo vessel and motor vehicle used to transport packages covered by this special permit.

b. Portable tanks may not be transported in container-on-flat car (COFC) or trailer-on-flat car (TOFC) service except under conditions approved by the Associate Administrator for Safety, Federal Railroad Administration.

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.
- 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:

a. The grantee of this special permit, as identified in paragraph 1 above, must contact the OHMSPA immediately after any of the tanks covered by this special permit are sold to another party.

b. 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 Robert A. McGuire
Associate Administrator
for Hazardous Materials Safety

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

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 Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: sln