

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 6971  
(SEVENTEENTH 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 packages containing small quantities of hazardous materials, identified as analytical standards, under the provisions of § 173.4 where the gross mass of the completed packaging may exceed the 29 kg gross weight limit specific in § 173.4. This special permit provides no relief from any regulation 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 § 173.4(a)(1) and (8) in that the gross weight limit is exceeded.
5. BASIS: This special permit is based on the application of Chem Service, Inc., dated September 7, 2004, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR § 172.101): This special permit authorizes the shipment of those hazardous materials identified in § 173.4(a), with the exception of class 7 materials.

7. SAFETY CONTROL MEASURES:

a. QUANTITY LIMITS: The maximum quantity of hazardous material per inner receptacle is limited to:

(i) 10 ml for liquid, other than Division 6.1, Packing Group I, materials;

(ii) 10 g of solid materials;

(iii) 1 g of materials classed as Division 6.1, Packing Group I.

b. INNER PACKAGING: Inner receptacles may be glass bottles, plastic bottles and glass ampoules and must be packaged as follows:

(i) In metal cans enclosed in a heat sealed polyethylene bag of 0.004 inch minimum thickness or in metal boxes with single or multiple drawers enclosed in a heat sealed polyethylene bag of 0.004 inch minimum thickness.

(ii) Materials may not be packaged in the same metal can or box if the commingling of those materials would lead to the dangerous generation of heat or gas.

(iii) The cans and boxes must contain sufficient chemically inert cushioning and absorbent capable of absorbing the entire contents of the liquid receptacles.

c. OVERPACK: Each inner packaging must be overpacked as follows:

(i) Each can or metal box must be over packed in a strong outside wooden or fiberboard packaging.

(ii) The maximum quantity of hazardous material in a single overpack may not exceed 10 kg.

(iii) The gross mass of the completed overpack may not exceed 150 kg.

d. TESTING - A prototype of the completed package must be capable of successfully passing the tests in § 173.4(a)(6).

8. SPECIAL PROVISIONS:

a. Packages prepared as described in this special permit are exempt from 49 CFR, Parts 171-180. Shippers using the packaging covered by this special permit must comply with all provisions of this special permit.

b. Persons who need to return certain individual items may do so only under the following conditions:

(i) A material may only be shipped in its original undamaged inner packaging.

(ii) The inner packaging may only be shipped in metal cans furnished by the special permit holders and must be packaged in accordance with paragraph 7(b) of this special permit.

c. MARKING - Each package shipped under this special permit must be plainly marked "Analytical Standards" and "DOT-SP 6971".

d. Packages permanently marked 'DOT-E 6971', 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. Packages marked on or after October 1, 2007 must be marked 'DOT-SP 6971'.

e. Shipping papers displaying 'DOT-E 6971' 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, passenger-carrying aircraft, and cargo aircraft.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel, aircraft or motor vehicle used to transport packages covered by this special permit. The shipper must furnish a current copy of this special permit to the air carrier before or at the time the shipment is tendered.

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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: 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.:

A handwritten signature in blue ink, appearing to read "R. Ryan Parker". The signature is fluid and cursive, with a large initial "R" and a long, sweeping underline.

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](http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm)  
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PO: FRA/kah