



U.S. Department  
of Transportation

**Research and  
Special Programs  
Administration**

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

**APR 21 2004**

DOT-E 11759  
(FIFTH REVISION)

EXPIRATION DATE: March 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: E. I. DuPont de Nemours and Company,  
Incorporated  
Wilmington, Delaware

(See Appendix to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

b. This exemption authorizes the transportation in commerce of hydrogen fluoride, a class 8 material poisonous by inhalation in certain DOT specification tank cars equipped with alternative pressure relief devices and without metal jackets. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.31(e)(2) in that a metal jacket is required and § 179.15(a) in that alternative pressure relief devices are not authorized, except as specified herein.
5. BASIS: This exemption is based on the application of E.I. DuPont de Nemours and Company, Incorporated dated February 21, 2004 submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Hydrogen fluoride, anhydrous (Poisonous Inhalation Hazard Zone C)	8	UN 1052	I

7. SAFETY CONTROL MEASURES:

a. PACKAGINGS: Packagings authorized are DOT specification 112S200W, 112S400W, 112S340W or 112S500W tank cars equipped with pressure relief devices rated as specified in paragraph 8(a) below. In addition, metal jackets required by § 173.31(e)(2) are waived.

b. MARKING: Each tank car operating under the terms of this exemption must be marked "DOT-E 11759" in letters and numeral at least 4 inches high on a contrasting background above the specification marks.

c. RETESTING: Each tank car operating under the terms of this exemption must be requalified in accordance with § 180.509 no later than the date of the next hydrostatic tank test.

8. SPECIAL PROVISIONS:

a. Each tank car must be equipped with a pressure relief device as specified below:

Tank car Specification	Minimum Flow Rated Capacity (SCFM)	Start-to-discharge Pressure (PSIG)
112S200W	1656	150
112S340W	2721	255
112S400W	3178	300
112S500W	3939	375

- b. Each DOT specification 112S200W tank car must be constructed with a tank test pressure of 400 psig.
- c. Each DOT specification 112S200W tank car operating under the terms of this exemption must be refitted with a pressure relief device having a minimum rated flow capacity of 3178 scfm and a start-to-discharge pressure of 300 psig and remarked to a DOT 112S400W tank car no later than March 1, 2001.
- d. No new construction of DOT112S200W tank cars is authorized.

- 9. MODES OF TRANSPORTATION AUTHORIZED: Rail freight.
- 10. MODAL REQUIREMENTS: None as a condition of 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. 5101 et seq:
  - o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
  - o Persons operating under the terms of this exemption 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 exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect unless a regulation has been amended making the exemption no longer necessary.

- 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. (Sections 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 in Washington, D.C.:

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

**APR 21 2004**  
\_\_\_\_\_  
(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.

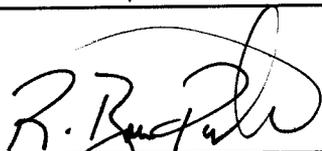
Copies of this exemption may be obtained by accessing the Hazardous Materials safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM

**AUG 5 2004**

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Honeywell International, Inc. Morristown, NJ	Mar 17, 2004	Apr 21, 2004	Mar 31, 2006
Quimica Fluor, S.A. de C.V. Matamoros-Reynosa, MX (U.S. Agent: John David Franz, McAllen, TX)	Aug 3, 2004	<b>AUG 5 2004</b>	Mar 31, 2006
Solvay Fluor Mexico, S.A. de C.V. Cd. Juarez, Chih, CP (U.S. Agent: Solvay Fluorides, Inc. St. Louis, MO)	Jan 20, 2004	Apr 21, 2004	Mar 31, 2006
Solvay Fluorides, LLC (former grantee: Solvay Fluorides, Inc.) Houston, TX	Jan 20, 2004	Apr 21, 2004	Mar 31, 2006



*fa* Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety