February 23, 2012

U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety Administration**

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

DOT-SP 15146
(THIRD 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 those materials specified in Paragraph 6 in non-DOT specification, non-refillable, inside metal containers conforming in part with DOT specification 2Q. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.

b. The safety analyses performed in the development of this special permit only considered the hazards and risks associated with the 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 § 173.304(d) in that a non-DOT specification package is not authorized, except as specified herein.

5. BASIS: This special permit is based on the application of ITW Tech Spray LLC dated September 29, 2010, November 19, 2010, June 3, 2011 and August 22, 2011 submitted in accordance with § 107.105 and the public proceeding thereon and additional information submitted on February 1, 2012.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	**Hazard Class/ Division**	**Identi- fication Number**	**Packing Group**
1,1,1,2-Tetrafluoroethane or Refrigerant gas R 134a	2.2	UN3159	N/A
Refrigerant gases, n.o.s.	2.2	UN1078	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packaging are four non-DOT specification, non-refillable inside metal containers conforming with DS Containers drawings "Container Specification - DOT SP 15146, 205x604 and 205x710 AEROSOL CONTAINERS" dated August 22, 2011 and "Container Specification - DOT SP 15146, 211x604 and 211x713 AEROSOL CONTAINERS" dated August, 19, 2011, on file with the Office of Hazardous Materials Special Permits and Approvals (OHMSPA) and DOT Specification 2Q (§ 178.33a) except as follows:

§ 178.33a-2 Type and size.

(a) * * *

(b) The maximum capacity of the containers manufactured under this special permit may not exceed 665 cubic centimeters (22.5 fluid ounces). The maximum diameter must not be more than 2.7 inches.

§ 178.33a-6 Manufacture.

(a) * * *

(b) Containers are of two-piece construction. No side seam is authorized. The container consists of one crimped bottom seam only.

(c) Ends: The bottom must be designed to buckle prior to the burst of the sidewall.

§ 178.33a-8 Tests.

(a) Each 25,000 containers or less, successively produced as a batch or part thereof must constitute a lot. One container taken randomly from the lot and complete with the ends assembled must be pressure tested to destruction. The end must not buckle below 261 psig. The burst pressure of containers must not be less than 320 psig.

(b) If the test container fails to meet the above requirements, the lot must be rejected. However, an additional 5 randomly selected pairs of containers from that lot may be pressure tested to qualify that lot. If any of the additional test containers fail the pressure test, that lot must be rejected.

§ 173.33a-9 Marking.

(a) * * *

(1) Containers must be marked "DOT-SP 15146" in lieu of "DOT 2Q".

(2) * * *

b. TESTING - Prior to shipment, each completed container must be heated until the pressure in the container is equivalent to the equilibrium pressure of the lading at 131°F. Lading equilibrium pressure may not exceed 200 psig at 131°F. Acceptable containers must show no evidence of leakage, distortion, or other defect.

c. OPERATIONAL CONTROLS

(1) Test data obtained under the qualification burst tests in §178.33a-8 must be kept on file and be made available upon request by OHMSPA.

(2) The liquid content of the lading may not completely fill the container at 131°F.

(3) The container must be packed in a strong outside packaging as prescribed in § 173.301(a)(9).

(4) Each outside packaging must be marked "INSIDE CONTAINERS COMPLY WITH DOT-SP 15146".

(5) Containers filled with a material meeting the definition of a "consumer commodity" in § 171.8 may be reclassed as an ORM-D and shipped as "consumer commodity" in accordance with § 173.306(i). These outside packagings are not required to be marked "INSIDE CONTAINERS COMPLY WITH DOT-SP 15146" as specified above in paragraph 7.c.(4).

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 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. MARKING -

(1) Each container must be plainly and durably marked "DOT-SP 15146" as specified in § 172.301(c) and be shipped in strong outside packagings.

(2) Each outside packaging must be marked "INSIDE CONTAINERS COMPLY WITH DOT-SP 15146".

9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle, Cargo aircraft, Cargo Vessel, Rail Freight.

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 copy of this special permit to the air carrier before or at the time the shipment is tendered.

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:

- All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

- 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.

- 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.:

for Dr. Magdy El-Sibaie
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

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.

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