

January 22, 2014



U.S. Department
of Transportation

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

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 11031
(TENTH REVISION)

EXPIRATION DATE: December 31, 2017

(FOR RENEWAL, SEE 49 CFR ' 107.109.)

1. GRANTEE: American Fuel Cell and Coated Fabrics Company
(Amfuel)
Magnolia, AK
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the manufacture, marking, sale, and use of non-DOT specification bulk packagings to be used for the transportation in commerce of the materials authorized by this special permit. 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 development of this special permit 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 ' 173.241 in that non-DOT specification packaging is required, except as specified herein.
5. BASIS: This special permit is based on the application of Amfuel dated November 13, 2013 submitted in accordance with §107.109.

January 22, 2014

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Other Regulated Substance, Liquid, n.o.s. (Resins that contain less than 3% formaldehyde and less than 0.8% sodium hydroxide)	9	NA3082	III
Corrosive liquid, basic, inorganic, n.o.s.	8	UN3266	III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-DOT specification bulk packaging, made of synthetic rubber and high-strength cord fabric, and marketed under the name "Fabritank". The Fabritank is truck-mounted and has a maximum capacity of 4,600 gallons. The Fabritank meets the criteria of Military Specification MIL-T-53055C(ME) dated September 16, 1991. Maximum allowable operating pressure is 7 psi. The truck-mounted Fabritank must be secured to the vehicle with at least three tie-down assemblies. Four tie-down assemblies are required for tanks longer than 28 feet.

b. TESTING - Each Fabritank must be leak tested with air pressure of 3 psi and hydrostatically tested at 18 psi during production.

c. REUSE - Packages may be reused, provided they are inspected and retested in accordance with Customer Use and Maintenance Procedures described in Amfuel's application. Every six months packages being reused must be air inflated at 3 psi and visually inspected. An annual hydrostatic pressure test at 12 psi is required.

d. MARKING - Each Fabritank must be marked near the loading/unloading connection in letters at least two inches high on a contrasting background "DOT-SP 11031". Reused packages must be marked durably and legibly with the type

January 22, 2014

and date of the last inspection or test. The marking must be in letters at least 1 1/4 inches high in a location easily accessible to view before loading.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of ' 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. A person who is not a holder of this special permit, but receives a package covered by this special permit, may reoffer it for transportation provided no modifications or changes are made to the package and it is offered for transportation in conformance with this special permit and the HMR.

c. Offerors for transportation of the hazardous materials specified may reuse the packaging described in this special permit, provided each package is rolled out and visually inspected prior to refilling. Reused packages must be used and maintained in accordance with Customer Use and Maintenance Procedures as described in the Amfuel application.

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

e. Each packaging manufactured under the authority of this special permit must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Special Permits and Approvals for a specific manufacturing facility.

f. A current copy of this special permit must be maintained at each facility where the package is manufactured under this special permit. It must be made available to a DOT representative upon request.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

January 22, 2014

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle used to transport packages covered by this special permit.

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.

January 22, 2014

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 B Immediate notice of certain hazardous materials incidents, and 171.16 B 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.

PO: SStaniszewski/sln