



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

July 24, 2023

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 15267
(FIFTH REVISION)

EXPIRATION DATE: 2027-06-30

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: SMI Companies
Franklin, LA
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the manufacture, marking, and sale of non-DOT specification portable tanks with a maximum capacity of 165 liters (43.6 US Gallons) for transportation of liquid bromine. 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. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.
 - c. In accordance with 49 CFR 107.107(a) party status may not be granted to a manufacturing permit. These packagings may be used in accordance with 49 CFR 173.22a.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171- 180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.249 in that alternative packaging is authorized, as provided herein.
5. BASIS: This special permit is based on the application of SMI Companies dated June 29, 2023, submitted in accordance with § 107.109.

Tracking Number: 2023065421

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Bromine or Bromine solutions	8	UN1744	I

7. SAFETY CONTROL MEASURES:

a. PACKAGING: The prescribed packagings are non-DOT Specification Portable Tanks. The packagings must be designed and manufactured to SMI Drawing C11014 on file with the Approvals and Permits Division. The packagings must meet the UN Specification Portable Tank Provision “T-22” in accordance with §§ 173.249(c), 178.274 and 178.275 except for the packagings’ capacity. The non-DOT Specification Portable Tanks must be in the following:

- (1) A maximum capacity for the tank must not exceed 165 liters (43.6 U.S. Gallons).
- (2) The packagings authorized must be lead lined steel tanks meeting the requirements of § 173.249(d).
- (3) The alternative nozzle attachment process is authorized for construction occurring on or after September 27, 2012, only. The fill, vent, and pressure relief device nozzles must be attached to the blind flange in lieu of the 2 inch nozzle on the top flange in accordance with the drawing and procedures on file with the Approvals and Permits Division.
- (4) All alternative connections must be in compliance with ASME CODE Section VIII, Division 1.

b. TESTING: Each packaging must be tested, retested, and inspected as specified in § 180.605 (Subpart G) for UN Specification Portable Tanks.

c. OPERATIONAL CONTROLS: The authorized portable tank must be used as a component of a closed system. When used in the closed system the packaging must be filled or discharged only.

- (1) During filling, liquid bromine must be introduced into the packaging; the vapor or air contained in the tank must be vented back into the closed system.
- (2) During discharge, nitrogen must be introduced to the packaging forcing discharge of liquid bromine into the closed system.

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 modification or change is made to the package and it is offered for transportation in conformance with this special permit and the HMR.
- c. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.
- d. 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 Safety for a specific manufacturing facility.
- e. A current copy of this special permit must be maintained at each facility where the packaging is manufactured under this special permit. It must be made available to a DOT representative upon request.

9. MODES OF TRANSPORTATION AUTHORIZED: Cargo vessel, motor vehicle, and rail freight.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle and cargo vessel 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.

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 William Schoonover
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: RB