



U.S. Department  
of Transportation

**Pipeline and Hazardous  
Materials Safety  
Administration**

**September 12, 2023**

1200 New Jersey Avenue, SE  
Washington, DC 20590

DOT-SP 21599

**EXPIRATION DATE: 2024-02-29**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Lanxess Corporation  
Pittsburgh, PA
2. PURPOSE AND LIMITATIONS:
  - a. This emergency special permit authorizes the transportation in commerce of portable tanks conforming to all requirements of a UN portable tank “T20”, except as specified herein. 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. No party status will be granted to this special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171- 180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 178.27(b)(1) in that UN portable tanks transporting Hazard Zone B toxic by inhalation liquids are required to have ASME certification and “U” stamps.
5. BASIS: This emergency special permit is based on the application of Lanxess Corporation dated July 06, 2023, submitted in accordance with § 107.117 and the determination it was necessary to prevent significant economic loss.

Tracking Number: 2023074106

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Phosphorus oxychloride	6.1	UN1810	I

7. SAFETY CONTROL MEASURES:a. PACKAGING:

(1) Prescribed packagings are thirty (30) UN portable tanks conforming to the requirements of § 172.102(c)(7) PORTABLE TANK CODE T20, which are designed and constructed in accordance with Section VIII Division 1 of the ASME Code, except they are not certified and “U” stamped as required to transport UN1810. Each portable tank covered under this special permit must be constructed in accordance with the manufacturer’s drawings, specifications, and calculations on file with the Office of Hazardous Materials Safety (OHMS).

(2) Drawings and calculations for portable tanks covered under this special permit show a total wall thickness of 6.35mm, with a minimum wall thickness of 5.8mm and a corrosion allowance of 0.55mm; and a total head thickness of 6.5mm, with a minimum head thickness of 6.2mm and a corrosion allowance of 0.3mm. Because special provision TP45 has been assigned to hazardous material UN1810, requiring a minimum thickness of 6.35mm for stainless steel, corrosion allowance is not authorized and wall and head thicknesses may not fall below their listed total thicknesses.

b. TESTING:

(1) Each portable tank must be inspected, retested, and repaired as specified in § 180.605 for UN portable tanks. Repair or alteration of any tank may only be performed by a repair facility holding a valid National Board Certificate of Authorization for use of the National Board “R” stamp, and must be made in accordance with the edition of the National Board Inspection Code in effect at the time the work is performed.

(2) Once this special permit has been in affect six months, each portable tank covered under this special permit must have its wall and head thicknesses verified by appropriate measurement to ensure they have not fallen below their listed total

thicknesses. If any actual thickness is measured to be below the listed total thickness, PHMSA must be notified and the portable tank must be taken out of service.

c. OPERATIONAL CONTROLS:

(1) Each portable tank covered under this special permit must have its inspection certificate on file with the OHMS.

(2) The life of this special permit shall not exceed twelve months from the date the special permit is issued.

d. MARKING: Each portable tank must be plainly and durably marked "DOT-SP 21599" as specified in § 172.302.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this special permit, but receives a packaging covered by this special permit, may reoffer it for transportation provided no modification or change is made to the packaging and it is offered 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.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

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.

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 Materials Safety Administration, U.S. Department of Transportation, East Building PHH-13, 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 <https://www.phmsa.dot.gov/approvals-and-permits/hazmat/special-permits-search>. Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: ae