



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

August 07, 2023

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 20308
(THIRD REVISION)

EXPIRATION DATE: 2027-07-31

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: The Dow Chemical Company
Midland, MI
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of UN portable tanks, which have been periodically pressure tested using materials other than water. 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 § 172.203(a) in that the shipping paper need not bear the special permit number, § 172.302(c) in that each package need not be marked with the special permit number, and § 180.605(h)(3) in that UN portable tanks may be hydrostatically pressure tested using materials other than water.
5. BASIS: This special permit is based on the application of The Dow Chemical Company dated January 20, 2023, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Chemical under pressure, n.o.s.*	2.2	UN3500	N/A
Environmentally hazardous substance, liquid, n.o.s.*	9	UN3082	III

*Requires the technical name in accordance with § 172.203(k).

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packagings prescribed are UN portable tanks conforming in all details to the applicable requirements in Part 178 of the HMR. Additionally, each UN portable tank may not exceed the following:

- (1) A maximum capacity of either 350 gallons or 1,850 gallons; and
- (2) A test pressure of 32.3 bar (468 psig).

b. TESTING: Authorized UN portable tanks are required to be periodically requalified in accordance with all applicable requirements in Part 180 of the HMR, except that the tanks may be hydrostatically pressure tested using the following prescribed test media in lieu of water:

- (1) UN portable tanks used in dedicated polyol service may be hydrostatically pressure tested using VORANOL 270.
- (2) UN portable tanks used in dedicated isocyanate service may be hydrostatically pressure tested using PAPI 27.

c. OPERATIONAL CONTROLS:

- (1) Only UN portable tanks owned and filled by The Dow Chemical Company may be tested under the terms of this special permit.
- (2) UN portable tanks tested under the terms of this special permit must remain in dedicated service for each hazardous material as indicated in paragraph 6 of this special permit.

8. SPECIAL PROVISIONS: A current copy of this special permit must be maintained at each facility where the packaging is hydrostatically tested under the terms of this special permit.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, and cargo vessel.
10. MODAL REQUIREMENTS: None as a requirement of 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.:

A handwritten signature in blue ink, appearing to read "W. Schoonover", is written over a light blue circular stamp.

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-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: Andrew Eckenrode/NICKS