



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

March 27, 2026

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21843

EXPIRATION DATE: 2028-02-29

(FOR RENEWAL, SEE 49 CFR 107.109)

1. **GRANTEE:** DDP Specialty Electronic Materials US, LLC
Wilmington, DE
2. **PURPOSE AND LIMITATION:**
 - a. This special permit authorizes the transportation in commerce of DOT 2Q specification inner containers where the lot size for the alternative hot water bath test is increased from 2,000 to 10,000 containers. 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 special permit number need not be notated on the shipping paper, 172.301(c) in that the special permit number need not be marked on the package; and 173.306(a)(3)(v)(A) in that the lot size for the hot water bath test is increased from 2,000 containers to 10,000 containers, as specified herein.
5. **BASIS:** This special permit is based on the request for reconsideration of DDP Specialty Electronic Materials US, LLC dated May 2, 2025, submitted in accordance with § 107.123.

Tracking Number: 2025054041

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Aerosols, <i>flammable</i> , (each not exceeding 1 L capacity)	2.1	UN1950	N/A
Aerosols, <i>non-flammable</i> , (each not exceeding 1 L capacity)	2.2	UN1950	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Prescribed packagings are DOT 2Q non-refillable inner containers further packed in a UN 4G box meeting the Packing Group II performance criteria. The UN 4G packaging must be closed in accordance with manufacturer closure instructions.

b. TESTING: Prior to offering for transportation, DOT 2Q containers are tested in accordance with the Alternative Water Bath Test in § 173.306(a)(3)(v)(A)(I-4), except that one filled container in a lot 10,000 containers are tested in a hot water bath, a second filled container is manually weighed, and the remainder of the lot of 10,000 containers are visually inspected. If a DOT 2Q container fails the either of the one in 10,000 tests, then remaining containers in the lot will revert back to testing one container in a lot of 2,000.

c. OPERATIONAL CONTROLS: In addition to performing container test requirements in §173.306(a)(3)(v)(A)(I-4), the additional measures shall be followed:

(1) Each inside container shall be weighed. Any container above or below the weight specification shall be rejected.

(2) Incoming batches of filling materials shall be checked for moisture and chemical reactivity. Any materials falling outside the specified iron and moisture ranges shall not be used until compliance with the required specifications is achieved.

(3) The temperature of each container on the production line shall be monitored with a "hot can checker." Any container experiencing elevated temperatures shall be rejected and removed from the production line.

- (4) Each two hours during production, a container shall be collected and its crimp head and crimps measured. If the container fails to meet the specification, it shall be rejected, along with all containers produced since the last successful check.
- (5) The aerosol line shall include a hydrocarbon leak detector tunnel. If any container is found to be leaking, production shall be halted, and the container removed from the line and rejected.
- (6) Each container shall be visually inspected for defects as they are produced and packaged. Any container showing visual defects shall be rejected.
- (7) Prior to offering for transportation, all filled containers shall be retained for a period of at least 48 hours. Any containers displaying signs of overpressure shall be removed and rejected.

d. MARKING: In addition to the marking requirements for DOT 2Q inner containers, each inner container must be marked "DOT-SP 21843". This marking is not required on overpacks or outer packagings.

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 or its contents 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.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and cargo vessel,

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel or 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 Quade
Acting 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: ae