

August 30, 2017



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 8215  
(TWENTY-FIFTH REVISION)

**EXPIRATION DATE: 2021-07-31**

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Olin Corporation  
East Alton, IL
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of certain Division 1.1, 1.3 and 1.4 explosives, Division 4.1 flammable solids and ORM-D materials in non-DOT specification packagings without labels and EX-number markings to a distance not to exceed ten (10) miles by cargo motor vehicle or rail freight, subject to the limitations and special requirements specified herein. This special permit provides no relief from any Hazardous Materials Regulation (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.
  - 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 Part 172, Subpart E (Labeling); § 172.320 in that the marking of EX-numbers on packagings is required except as specified herein; §§ 173.62(c) Table and 173.212 in that non-DOT specification packaging is not authorized for Class 1 and Division 4.1 substances except as specified herein, and 173.56(b) in that primers, cap type must be tested, classed, and approved.

5. BASIS: This special permit is based on the application of Olin Corporation dated August 15, 2017 submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

| <b>Hazardous Materials Description</b>                                                        |                               |                              |                      |
|-----------------------------------------------------------------------------------------------|-------------------------------|------------------------------|----------------------|
| <b>Proper Shipping Name</b>                                                                   | <b>Hazard Class/ Division</b> | <b>Identification Number</b> | <b>Packing Group</b> |
| Diazodinitrophenol, wetted                                                                    | 1.1A                          | UN0074                       | II                   |
| Lead styphnate, wetted                                                                        | 1.1A                          | UN0130                       | II                   |
| Waste substances, explosive, n.o.s. (sponges and rags impregnated with initiating explosives) | 1.1A                          | UN0473                       | II                   |
| Substances, explosive, n.o.s. (Potassium styphnate, wetted)                                   | 1.1A                          | UN0473                       | II                   |
| Substances, explosive, n.o.s. (mixtures of lead styphnate-90% and tetrazene-10%)              | 1.1A                          | UN0473                       | II                   |
| Tetrazene, wetted                                                                             | 1.1A                          | UN0114                       | II                   |
| Trinitroresorcinol, wetted                                                                    | 1.1D                          | UN0394                       | II                   |
| Powder, smokeless                                                                             | 1.3C                          | UN0161                       | II                   |
| Primers, cap type (not in Division 1.4B or 1.4S prescribed packaging)                         | 1.1B                          | UN0377                       | II                   |
| Waste cartridges, small arms                                                                  | 1.4C                          | UN0339                       | II                   |
| Waste cartridges, small arms                                                                  | 1.4S                          | UN0012                       | II                   |

August 30, 2017

| <b>Hazardous Materials Description</b>                                       |                               |                              |                      |
|------------------------------------------------------------------------------|-------------------------------|------------------------------|----------------------|
| <b>Proper Shipping Name</b>                                                  | <b>Hazard Class/ Division</b> | <b>Identification Number</b> | <b>Packing Group</b> |
| Waste cartridges for weapons, blank                                          | 1.4S                          | UN0014                       | II                   |
| Waste Smokeless powder for small arms (100 pounds or less)                   | 4.1                           | NA3178                       | II                   |
| Waste nitrocellulose with water <i>with not less than 25 percent by mass</i> | 4.1                           | UN2555                       | II                   |
| Cartridges, small arms                                                       | ORM-D or 1.4S                 | UN0012                       | II                   |

NOTE: Primers, cap type, 1.1B are not subject to the approval requirements of § 173.56(b) when manufactured by Olin Corporation and transported under the terms of this Special Permit.

7. SAFETY CONTROL MEASURES:

a. PACKAGING: The following packagings are prescribed:

(1) Division 1.3C smokeless powder (wetted with not less than 30% water) and Division 1.4B or 1.4S waste primers, cap type, which are under water or oil, must be placed in plastic bags and then placed in porcelain buckets, or plastic buckets not exceeding 4 gallons capacity. The plastic bags must be closed so that the water content of the smokeless powder is at least 30% by weight and the primers are completely immersed in water or oil at all times during transportation.

(2) Cartridges, small arms must be placed in a wooden box with hinged lid, open plastic containers, open metal tote boxes or multi-compartment carrying trays. Other than wooden boxes, loaded packagings must be placed in a wood rack within a motor vehicle or within a rail car to prevent movement during transport.

(3) Divisions 1.4C and 1.4S waste cartridges, small arms and waste cartridges for weapons, blank must be placed in open 55 gallon drums, 3 gallon plastic buckets, 4 gallon plastic pails, or 3 gallon porcelain

**August 30, 2017**

buckets and loaded in a motor vehicle or rail car.

(4) Division 1.1A lead styphnate, tetrazene and diazodintrophenol; or Division 1.1D trinitroresorcinol, wetted must be covered with not less than 2 inches of water or a 50/50 solution of water and antifreeze agent, when necessary to prevent freezing. Division 1.1A potassium styphnate must be wetted with not less than 30% water or 50/50 solution of water and antifreeze agent. The following packaging method is assigned: Inner Packaging - Bags, textile cloth or rubber coated textile cloth, securely tied or taped closed. Outer Packaging - Non-specification stainless steel receptacles, securely closed with a heavy plastic lid or a stainless steel lid equipped with a gasket to prevent steel to steel contact. The packaging shall be placed into a rugged plastic support rack in a specially designed motor vehicle trailer or specially designed truck shown in documentation attached to Olin Corporation/Winchester Division's applications of November 2, 2001; September 8, 2008; and August 22, 2016 on file with the Office of Hazardous Materials Safety Approvals and Permits Division (OHMSAPD).

(5) Division 1.1A waste explosive substances, n.o.s (mixtures of lead styphnate-90% and tetrazene-10%) must be placed in a rubber lined aluminum container of approximately 3-quart liquid capacity. The material must be completely covered with approximately 1 inch of water or a 50/50 solution of water and antifreeze agent, when necessary to prevent freezing. The rubber-lined aluminum container is then securely closed with a heavy plastic lid and placed into a rugged non-metallic support rack in a specially designed motor vehicle trailer or specially designed truck shown in documentation attached to Olin Corporation/Winchester Division's applications of November 2, 2001; September 8, 2008; and August 22, 2016 on file with APD.

(6) Division 1.1A substances, explosive, n.o.s. (sponges and rags contaminated with initiating explosives) must be placed in 3 gallon capacity porcelain or plastic buckets, or 4 gallon capacity plastic pails, and totally covered with water or a solution of water and antifreeze when necessary to prevent freezing.

**August 30, 2017**

(7) The maximum "dry" weight of Division 1.1A or 1.1D explosive substances in any one container shall not exceed 6.5 pounds (2.95 Kilograms.) The maximum "dry" weight of Division 1.1A or 1.1D substances in the specially designed motor vehicle trailer or specially designed truck shall not exceed 117 pounds (53.2 Kilograms).

(8) Division 1.1B primers, cap type (not in approved Division 1.4B or 1.4S packagings) must be:

(i) Placed in a hand buggy which has up to eight trays. Each hand buggy tray may contain up to eight pans which can carry 12,300 small arms primers per tray. Each hand buggy may carry up to a total of 98,400 small arms primers. Up to eight hand buggies may be loaded on a cargo motor vehicle or cargo trailer or rail car equipped with locking features for each hand buggy; or

(ii) Placed in cellular plastic trays containing up to 1000 non-segregated primers per tray or cellular fiberboard trays containing up to 620 non-segregated primers per tray, which are covered and placed in a wooden outer box. Each outer box may contain up to 27,280 non-segregated primers.

(9) Samples of Division 4.1 "Smokeless powder for small arms" must be placed in plastic, fiberboard or metal receptacles having positive closures, each containing not more than eight (8) pounds net weight of smokeless powder. The plastic, fiberboard or metal receptacles must then be placed in strong outer packagings and cushioned to prevent movement of the inside containers. Not more than 100 pounds net weight of smokeless powder may be loaded in any one motor vehicle or rail car.

(10) Division 4.1 waste nitrocellulose with water (or a solution of water and antifreeze when necessary to prevent freezing) not less than 25 percent by mass, must be placed in plastic bags closed by either tape or twist ties. The plastic bags must be placed in 3 gallon capacity porcelain or plastic buckets, or 4 gallon plastic pails.

b. OPERATIONAL CONTROLS:

(1) Transportation in commerce under this special

**August 30, 2017**

permit is strictly limited to the Olin Corporation, Winchester Division facilities in East Alton, Illinois, for a distance of up to ten (10) miles on a public highway which bisects the plant or on a railroad siding which parallels the public highway.

(2) All packages shipped under this special permit must be transported by Olin Corporation's specially designed company-owned or leased cargo motor vehicles and cargo trailers operated by company employees or railroad employees and in railroad-owned or leased rail cars.

8. SPECIAL PROVISIONS:

a. The packages shipped under this special permit are exempted from § 172.320 and Subpart E (Labeling) of Part 172. Placarding the vehicle is required.

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 rail freight.

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 Registration required by § 107.601 et seq., when applicable.
- 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.

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 the 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.

**August 30, 2017**

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](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: AD/SG