



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

July 05, 2024

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21373
(FIRST REVISION)

EXPIRATION DATE: 2028-06-30

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Sigma-Aldrich Co. LLC
Saint Louis, MO
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the transportation in commerce of hazardous materials packaged in UN 4G and 4GV fiberboard boxes that have been partially closed by hazardous materials employees who are not trained in accordance with Subpart H of Part 172. 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 each shipping paper must bear the special permit number, § 172.301(c) in that each package must be marked with the special permit number, and Subpart H of Part 172 in that hazardous materials employees must be trained, except as specified herein.
5. BASIS: This special permit is based on the renewal application of Sigma-Aldrich Co. LLC dated March 28, 2024, submitted in accordance with § 107.109.

Tracking Number: 2024035196

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Hazardous materials authorized to be transported in UN 4G fiberboard boxes	As appropriate	As appropriate	I, II, or III

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Prescribed packagings must be UN 4G or 4GV fiberboard boxes.

b. OPERATIONAL CONTROLS:

(1) The UN 4G fiberboard boxes must have been successfully tested in accordance with Subpart M of Part 178 at the Packing Group I performance level.

(2) The UN 4GV fiberboard boxes must have been successfully tested in accordance with § 178.601(g)(2).

(3) Each fiberboard box must be folded and the bottom seam of each fiberboard box must be closed by employees of Worth Industries in accordance with the closure instructions.

(4) The top seam of each fiberboard box must be closed in accordance with the closure instructions. The top seam must be closed by employees of Sigma-Aldrich Co. LLC.

(5) Worth Industries employees must be supervised at all times when folding each fiberboard box and when closing the bottom seam of each fiberboard box.

(6) Sigma-Aldrich Co. LLC must:

(i) Provide to Worth Industries management closure instructions, which are used to provide appropriate instruction to Worth Industries employees to fold and close the bottom seam of each fiberboard box.

(ii) Review the fiberboard boxes partially closed by Worth Industries to ensure the fiberboard boxes have been partially closed in accordance with the closure instructions provided to Worth Industries management. A

partially closed fiberboard box deviating from the requirements in paragraph 7.b.(3) may not be used for the transportation in commerce of hazardous materials. Feedback describing the deviation must be provided to Worth Industries.

(7) Except as specified in paragraph 11. below, the training requirements in Subpart H of Part 172 are waived.

8. SPECIAL PROVISIONS:

- a. Under the terms of this special permit, the grantee may only offer hazardous materials (i.e., the grantee is not authorized as a carrier).
- b. 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 and it is reoffered 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 fiberboard boxes are partially closed by Worth Industries.
- d. A current copy of this special permit must be maintained at each facility where the fiberboard boxes are closed by Sigma-Aldrich Co. LLC.
- e. By January 31 of each year, the grantee must provide to the Office of Hazardous Materials Safety a list of the number of fiberboard boxes that deviate from the requirements in paragraph 7.b.(3) for the previous calendar year.

9. MODES OF TRANSPORTATION AUTHORIZED: As authorized in the HMR.

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. This requirement only applies to Sigma-Aldrich Co. LLC.

Each “Hazmat employee”, as defined in § 171.8, who performs a function subject to this special permit must receive appropriate instruction on the requirements and conditions of this special permit. This requirement only applies to Worth Industries.

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-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: Casey Chambers