

June 17, 2021



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 21161

**EXPIRATION DATE: 2022-11-30**

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Structure Probe, Inc.  
West Chester, PA
2. PURPOSE AND LIMITATION:
  - a. This special permit authorizes the transportation in commerce of asbestos via passenger and cargo-only aircraft for analytical purposes. 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.
  - d. This special permit serves as an approval under Special Provision A2 and State Variation US 3 of the ICAO TI and as a "Competent Authority Approval" as defined under 49 CFR § 107.1.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 172.101(j) and Columns 12 and 13 in Table 3-1 of the ICAO TI in that asbestos is forbidden from shipment by passenger and cargo-only aircraft.

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5. BASIS: This special permit is based on the application of Structure Probe, Inc. dated December 11, 2020 submitted in accordance with § 107.105 and the public proceeding thereon.
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>
Asbestos	9	NA2212	III
Asbestos, amphibole <i>amosite, tremolite, actinolite, anthophyllite, or crocidolite</i>	9	UN2212*	II
Asbestos, chrysotile	9	UN2590	III

\*UN2212 is forbidden for transportation by air

7. SAFETY CONTROL MEASURES:

a. PACKAGING:

(i) Inner packaging: Prescribed inner packaging is a glass vial containing not more than 1.0 gram of the hazardous material.

(ii) Intermediate packaging: The glass vial is placed in a plastic bag, which is packaged in a plastic tube, which is then placed in another plastic bag. The bag is placed in an aluminum can filled with absorbent material, then sealed with a Teflon liner. The can is then placed in a plastic bag which is surrounded by cushioning.

(iii) Outer packaging: Prescribed outer packaging is a UN 4GV Variation 2 fiberboard box certified to the PG I performance level conforming to DOT-SP 8249, except that the materials may be transported on passenger-carrying aircraft.

b. MARKING: Each package must be plainly and durably marked "DOT-SP 21161" as required by § 172.301(c).

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.

c. This special permit in no way affects the need to obtain any required authorizations from other agencies of the United States Government or from the competent authorities of countries of origin, transit, and destination, and the State of the Operator.

9. MODES OF TRANSPORTATION AUTHORIZED: Cargo aircraft only, Passenger and cargo aircraft.

10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each aircraft used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.

a. Each air carrier who is offered Asbestos, UN2212, for transportation under the terms of this special permit requires their own special permit authorizing such transportation.

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.

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- 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 Material Safety Administration, U.S. Department of Transportation, East Building PHH-30, 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: Kenny Herzog