



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety
Administration**

May 05, 2023

1200 New Jersey Avenue, SE
Washington, DC 20590

DOT-SP 21557

EXPIRATION DATE: 2023-10-31

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Air Liquide Electronics U.S. LP
Morrisville, PA
2. PURPOSE AND LIMITATIONS:
 - a. This emergency special permit authorizes the transportation in commerce of a single non-DOT specification cylinder containing Silane. 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 § 171.23(a) in that a non-DOT specification cylinder is authorized and § 172.301(c) in that the outside of the package need not be marked with the special permit number.
5. BASIS: This emergency special permit is based on the application of Air Liquide Electronics U.S. LS dated April 26, 2023, submitted in accordance with § 107.117 and the determination it is necessary to prevent significant economic loss.

Tracking Number: 2023045205

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Silane	2.1	UN2203	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packaging prescribed is a single, non-DOT specification foreign cylinder manufactured by Benkan Kikoh. The cylinder is steel and has a volume of 44 L. The cylinder serial number is GS85249.

b. OPERATIONAL CONTROLS:

(1) Transportation of the non-DOT specification cylinder that is not leaking or damaged is authorized. Carriage must be conducted by Interatlas Logistics.

(2) One-way, one time transportation is authorized from GTC Bayonne Port 302 Port Jersey Blvd, Jersey City, NJ to Air Liquide Electronics, US LP to 19 Steel Road West, Morrisville, PA, which is a distance of approximately 65 miles.

(3) Only shipping container number KKFU1515360 containing one non-DOT specification cylinder containing Silane is authorized to be transported under the terms of this special permit. There are nine additional steel cylinders already in the shipping container. These nine cylinders containing Silane may be transported with the non-DOT specification cylinder provided the nine cylinders are in compliance with all requirements of the HMR.

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 packaged covered by this special permit may reoffer it for transportation provided no modification or change is made to the package and it is offered for transportation in conformance with this special permit and the HMR.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
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 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 "William Schoonover", is written over a faint circular stamp.

for William Schoonover
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials 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: CWF