



U.S. Department
of Transportation

**Pipeline and
Hazardous Materials
Safety Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

NOV 15 2005

DOT-SP 14230

EXPIRATION DATE: January 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Epichem, Incorporated
Haverhill, MA
2. PURPOSE AND LIMITATION:
 - a. This special permit authorizes the one-time transportation in commerce of three non-DOT specification cylinders containing Dichlorosilane for export only. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. Party Status will not 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 § 173.301(1) in that the prescribed non-DOT specification cylinders which do not meet the required filling, marking, or requalification requirements for export are not authorized, except as specified herein.
5. BASIS: This special permit is based on the application of Epichem, Incorporated dated August 2, 2005 submitted in accordance with § 107.105 and the public proceeding thereon.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Dichlorosilane	2.3	UN2189	N/A Hazard Zone B

7. SAFETY CONTROL MEASURES:a. PACKAGING -

(1) Packagings prescribed are three German manufactured non-DOT specification welded cylinders with serial numbers as noted in the application for special permit. Cylinders must be in conformance with Graeven Metalltechnik GMBH Toenisvorst drawing A1-69-03/0 and design criteria on file with the Office of Hazardous Materials Special Permits and Approvals. Additionally, cylinders must be in conformance with International Maritime Dangerous Goods packaging specifications 6.2.1 and 6.2.3.

(2) Cylinders have a capacity of 50 L each and design pressure of 30 bar (435 psig). Cylinders must be charged to no more than 10 bar (145 psig).

b. OPERATIONAL CONTROLS -

(1) Cylinders must be transported one-time only from the Epichem, Inc. facility in Haverhill, MA to an ocean shipment consolidation facility and/or port for export only. Transportation must be by dedicated motor vehicle.

(2) Cylinders must be shipped securely strapped in an upright position on a steel pallet/cradle.

(3) The shipping paper must identify the cylinders with special permit number "DOT-SP 14230".

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. The outside of each package must be plainly and durably marked "DOT-SP 14230" and "For export only".

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

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 -- OHMSPA, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:

for 
 Robert A. McGuire
 Associate Administrator for
 Hazardous Materials Safety

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DATE

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

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 Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: CWFreeman