U.S. Department of Transportation
Research and Special Programs Administration

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

DOT-E 4734 (EXTENSION)
SECOND REVISION September 15, 1987
CORRECTED COPY

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 4734 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to December 31, 1994. This change is effective from the issue date of this extension. All other terms of the exemption remain unchanged.

This extension applies only to party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.105. This extension constitutes a necessary part of this exemption and must be attached to it.

J. Suzanne Hedgepeth
for Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

MAR - 8 1994
(DATE)

Dist: FHWA

EXEMPTION HOLDER	APPLICATION DATE
General Electric Company - Silicones Waterford, NY	January 13, 1994

ADVISORY

IF YOU ARE A HOLDER OF AN EXEMPTION THAT AUTHORIZES THE USE OF A PACKAGING WITH A MAXIMUM CAPACITY LESS THAN 450 L (119 GALLONS) OR A MAXIMUM NET MASS LESS THAN 400 KG (882 POUNDS), PLEASE BE ADVISED THAT YOUR EXEMPTION MAY NOT BE RENEWED BEYOND SEPTEMBER 30, 1996. IN ADDITION, NO NEW CONSTRUCTION OF PACKAGINGS WHICH FALL WITHIN THE NON-BULK CAPACITIES LISTED ABOVE ARE AUTHORIZED AFTER SEPTEMBER 30, 1994. THIS IS CONSISTENT WITH THE IMPLEMENTATION OF THE NEW PACKAGING REQUIREMENTS ADOPTED UNDER DOCKET HM-181. ANY APPLICATION SUBMITTED TO THIS OFFICE TO RENEW AN EXEMPTION BEYOND THE SEPTEMBER 30, 1996 DATE WILL BE DENIED UNLESS THE APPLICATION CONTAINS SUPPORTING INFORMATION TO JUSTIFY THE CONTINUATION OF THE EXEMPTION.

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DOT-E 4734
(SECOND REVISION)
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1. General Electric Company, Waterford, New York, is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packages prescribed herein of certain flammable liquids and corrosive materials for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes use of modified DOT Specification MC-331 cargo tanks, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on General Electric Company's application dated May 9, 1986, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon; supplemented by letter dated June 2, 1987.

3. HAZARDOUS MATERIALS (Descriptor and class).

a. Flammable liquids that are corrosive: Trichlorosilane, Dimethyldichlorosilane, Vinyl trichlorosilane, Trimethyl monochlorosilane, Dimethylchlorosilane, Methyl dichlorosilane, Methytrichlorosilane, Tetramethyldisilazane, or Methylvinyldichlorosilane, each blanketed with an inert gas.

b. Corrosive materials: Diphenyl dichlorosilane, Phenyl trichlorosilane, each blanketed with an inert gas.

4. PROPER SHIPPING NAME (49 CFR 172.101). The generic commodity description or specific chemical name, as appropriate.

5. REGULATION AFFECTED. 49 CFR 173.119(m), 173.135(a)(9), 173.136(a)(8), 173.280(a)(8).

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a DOT Specification MC-331 cargo tank, except that piping, valves, and the liquid level gauging device must be as shown on GE Silicone Products Department drawing 56108-465, Sheet 3, on file with the Office of Hazardous Materials Transportation (OHMT). In addition, the following requirements apply:

a. Any loading or unloading station must be equipped with additional piping and valves as shown on GE Company drawing A-56108-203, sheet 2, with provision for thermal and remote manual closure, which must be installed and used each time a tank is loaded or unloaded;

b. Each tank must be filled to not over 90% of liquid capacity and must be checked by weight before transportation;

c. The manual valves and the air activated valves in the dome must be kept closed during transportation. Before transportation, the exterior piping must be drained.

8. SPECIAL PROVISIONS.

a. A copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

b. Each cargo tank must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 4734".

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package must be reported to the OHMT as soon as practicable.

10. EXPIRATION DATE. Jul y 31, 1988.

Issued at Washington, D.C.

SEP 15 1987

Alan I. Roberts
Director
Office of Hazardous Materials Transportation

(DATE)

Address all inquiries to: Director, Office of Hazardous Materials Transportation, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590. Attention: Exemptions Branch.

Dist: FHWA.