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

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

JUL 3 1 2003

DOT-E 12206
(SECOND REVISION)

EXPIRATION DATE: June 30, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: GE Silicones
General Electric Company
Waterford, NY

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the use of video cameras and monitors to observe the loading and/or unloading operations of hazardous materials from two remote control stations in place of personnel remaining within 7.62 meters (25 feet) of the cargo tank motor vehicles. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 177.834(i)(3) in that a person does not have to be within 25 feet of the cargo tank during loading or unloading.

5. BASIS: This exemption is based on the application of GE Silicones dated July 29, 2003, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	**Hazard Class/ Division**	**Identi- fication Number**	**Packing Group**
Combustible liquid, n.o.s.	Combus- tible liquid	NA1993	III
Corrosive liquid, n.o.s.	8	UN1760	II, III
Corrosive liquid, acidic, inorganic, n.o.s.	8	UN3264	II, III
Corrosive liquid, acidic, organic, n.o.s.	8	UN3265	II, III
Corrosive liquid, basic, inorganic, n.o.s.	8	UN3266	II, III
Corrosive liquid, basic, organic, n.o.s.	8	UN3267	II, III
Corrosive liquids, flammable, n.o.s.	8	UN2920	II
Flammable liquids, n.o.s.	3	UN1993	II, III
Flammable liquids, corrosive, n.o.s.	3	UN2924	II, III
Resin solution, flammable	3	UN1866	II, III

7. SAFETY CONTROL MEASURES:

a. PACKAGING - The hazardous material described in paragraph 6 must be transported in authorized DOT specification cargo tank motor vehicles.

b. OPERATIONAL CONTROLS -

(1) Each cargo tank must be loaded by qualified persons, who are familiar with the product and with the proper procedures for its safe handling.

(2) The provisions of § 177.834 (i) must be complied with except that paragraph (3) is replaced with the following:

A designated Production Operator must observe all loading/unloading operations by means of either of two video monitors located respectively in the Control Center and at the Operating Control Panel in the production area. Each loading and/or unloading system must be equipped with the following:

(i) Video cameras must have a 60mm motorized zoom lens, and must be capable of panning and zooming from both remote control stations. The camera will be mounted 10-feet above ground level and 30-feet distant from the cargo tank motor vehicle, so as to provide an unobstructed view of all equipment involved in loading/unloading operations on the top, side and underside of the cargo tank. This will include all valves, hoses, domes, and safety relief devices. In addition, the view capability must include the containment area.

(ii) Upon loss of video, loading/unloading operations must be immediately terminated. Shut-off valves operable from each of the remote control stations must be provided.

(iii) In the event of a remote system failure, the Production Operator must immediately resume attending loading/unloading operations from within 7.62 meters (25-feet) of the cargo tank.

(iv) A containment area must be provided capable of holding the contents of as many cargo tank motor vehicles as might be loaded/unloaded at the facility at any single time.

8. SPECIAL PROVISIONS:

a. A current copy of this exemption must be conspicuously displayed at each remote control station at this facility.

b. The Production Operator must visually inspect each cargo tank motor vehicle after it is loaded, prior to departure, in accordance with facility policy.

c. Procedures for training of the Production Operators, for their adherence to standard operating procedures, and for inspection and maintenance of video equipment and of the shut-off valve/remote control system must be carried out as described in the application for this exemption, on file with the Office of Hazardous Materials Exemptions and Approvals. GE Silicones must maintain a list of qualified Production Operators. A copy of this list must be available for inspection during normal working hours.

d. This exemption applies only to GE Silicones plant site at Waterford, New York.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: None other than as required by the HMR.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

- All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.

- Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when this exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable.

(Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

R. McGuire

JUL 3 1 2003

Robert A. McGuire
for Associate Administrator for
Hazardous Materials Safety

(DATE)

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

Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/exemptions Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: rek/sln