

September 3, 2014



U.S. Department
of Transportation

East Building, PHH - 30
1200 New Jersey Avenue, Southeast
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 15558
(THIRD REVISION)

EXPIRATION DATE: May 31, 2018

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: 3M Company
St. Paul, MN
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the manufacture, mark, sale and use of non-DOT specification packaging and associated equipment as described in paragraph 7 below within a transport vehicle for use in transporting a Class 8 (corrosive) material. This special permit provides no relief from the Hazardous Materials Regulations (HMR) or the International Maritime Dangerous Goods (IMDG) Code other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.
 - c. This special permit serves as an "exemption" under Chapter 7.9, Section 7.9.1 of the IMDG Code (see IMO MSC/Circ. 1075-Granting Exemptions from the Provisions of the IMDG Code) and as a "Competent Authority Approval" as defined in 49 CFR 107.1.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180 and the IMDG Code.

September 3, 2014

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 172.301(a) and 172.302(a), and Chapter 5.2, Section 5.2.1.1 of the IMDG Code in that the UN number and proper shipping name are not required to be marked on the transport vehicle; §§ 172.301(c) and 172.302(c) in that the special permit number is not required to be marked on the transport vehicle; §§ 173.212 and 173.240, and Chapter 4.1, Packing Instructions P002 and IBC08 and Chapter 4.2, Portable Tank Instruction T3 of the IMDG Code in that the proposed transport vehicle and its equipment are authorized as provided herein.
5. BASIS: This special permit is based on the application of 3M Company dated November 27, 2013 submitted in accordance with § 107.105 the public proceeding thereon, and additional information received July 11, 2014.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Amines, solid, corrosive, n.o.s., or Polyamines, solid, corrosive n.o.s.*	8	UN3259	II

* The proper shipping name must be supplemented with the technical name.

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packaging prescribed is a non-DOT specification cylindrical container or a non-DOT specification, sift-proof portable tank and associated equipment contained within a transport vehicle or trailer as described in the 3M Company application on file with the Approvals and Permits Division.

(1) The double walled cylindrical container is manufactured from stainless steel with a maximum capacity of 400 gallons and a minimum wall thickness of 14 gauge (0.0747") for IBCs not exceeding 100 gallons

September 3, 2014

or 12 gauge (0.1046") for IBCs not exceeding 400 gallons. The container has successfully passed the performance testing criteria of §§ 178.810 (drop); 178.812 (top lift) and 178.819 (vibration) for a UN 11A IBC used for solids.

(2) The associated equipment includes a pump and fittings containing no more than 8 gallons of material, and a hose assembly with shut off valve, not to exceed 750 feet in length, with a burst to working pressure ratio of not less than 4:1, not to exceed a working pressure of 6,000 psi, and containing no more than 120 gallons of material.

(3) The non-DOT specification, sift-proof portable tank is in accordance with §§ 173.240 and 173.24b.

b. TESTING -

(1) Each new design type specified in 7.a.(1) must successfully pass the performance testing criteria of §§ 178.810 (drop); 178.812 (top lift) and 178.819 (vibration) for a UN 11A IBC used for solids. Test results must be on file with the Permits and Approvals Division.

(2) Each new design type specified in 7.a.(1) not to exceed 119 gallons must also successfully pass a specified 3M Company random vibration test. Test results must be on file with the Permits and Approvals Division.

(3) Visual inspection of the container, non-DOT specification, sift-proof portable tank, and assembly must be made pre and post use (each application cycle) in accordance with 3M specifications and procedures.

c. OPERATIONAL CONTROLS -

(1) All shut-off valves to the double-walled cylindrical container, sift proof non-specification portable tank, and hose assembly shall be closed while in transportation.

(2) The packaging shall not be heated or pressurized while in transportation.

(3) Stacking of containers or tanks is prohibited.

September 3, 2014

(4) Transportation by motor vehicle is limited to private or contract carriage.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of § 173.22a, persons may use the packaging authorized by this special permit for the transportation of the hazardous materials specified in paragraph 6, only in conformance with the terms of this special permit.

b. A person who is not a holder of this special permit, but receives a package 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, the HMR, and the IMDG Code.

c. This special permit applies to manufacturers and operators certified by 3M in accordance with the terms and conditions specified herein.

d. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

e. Each packaging manufactured under the authority of this special permit must be either (1) marked with the name of the manufacturer and location (city and state) of the facility at which it is manufactured or (2) marked with a registration symbol designated by the Office of Hazardous Materials Special Permits and Approvals for a specific manufacturing facility.

f. A current copy of this special permit must be maintained at each facility where the packaging is manufactured under this special permit. It must be made available to a DOT representative upon request.

g. 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.

September 3, 2014

9. MODES OF TRANSPORTATION AUTHORIZED: Motor Vehicle and Cargo Vessel.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each motor vehicle and cargo vessel 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.

September 3, 2014

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 Dr. Magdy El-Sibaie
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 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.

PTO: Staniszewski/TG