U.S. Department
of Transportation

**Research and
Special Programs
Administration**

JUN 3 1999

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

DOT-E 9606
(FOURTH REVISION)

EXPIRATION DATE: January 31, 2001

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Ensign-Bickford Company
Simsbury, Connecticut

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of more than 110 detonators, in one inside specially designed packaging. This exemption provides no relief from any regulation other than as specifically stated herein.

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

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.62.

5. BASIS: This exemption is based on the application of Ensign Bickford Company dated February 8, 1999, submitted in accordance with 49 CFR § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name / Hazardous materials description	**Hazard Class/ Division**	**Identi-fication Number**	**Packing Group**
Detonators, non-electric	1.1B	UN0029	II

7. PACKAGING AND SAFETY CONTROL MEASURES: Packaging prescribed is a Styrofoam block with 200 individual holes to contain 200 detonators. A thru-hole Styrofoam block with removable conductive plastic bottom plate is permitted. The Styrofoam block is covered on top, bottom and two sides with a chipboard sleeve which holds the detonators in place. Eight sleeved Styrofoam blocks are packed in an aluminum foil bag

which is closed by heat sealing and tape (not required when using thru-hole Styrofoam blocks). The foil bag, when used, and eight sleeved Styrofoam blocks are placed inside a corrugated fiberboard box which is overpacked in a UN 4G box with at least 1 inch honeycomb fiberboard between the inside and outside corrugated fiberboard boxes on all six sides. The detonators placed in the Styrofoam block, the eight chipboard sleeve Styrofoam blocks placed in a foil bag, (if used), and the inside fiberboard box and the outside box must fit snugly so that there is no relative movement of any of these units within the package.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

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

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

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this exemption.

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 at Washington, D.C.:

for Ann Mazzullo
Alan I. Roberts
Associate Administrator for
Hazardous Materials Safety

JUN 3 1999
(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.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

Dist: FHWA, USCG
PO: rdt(99)

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Austin Powder Company Cleveland, Ohio	Jan 7, 1999	Feb 22, 1999	Jan 31, 2001

Ann Mazzullo

for Alan I. Roberts
Associate Administrator for
Hazardous Materials Safety