

OCT 06 2004



U.S. Department
of Transportation

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

**Research and
Special Programs
Administration**

DOT-E 11489
(TENTH REVISION)

EXPIRATION DATE: February 28, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: TRW Automotive
Washington, MI

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

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of certain unapproved or unidentified as approved, air bag inflators or air bag modules or seat belt pretensioners as Division 1.4C explosives articles, subject to the packaging and special provisions prescribed herein. The air bag inflators or air bag modules may also contain flammable or non-flammable compressed gas mixtures. This exemption provides no relief from the Hazardous Materials Regulations (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. The safety analyses did not consider the hazards and risks associated with use as a component of a transport vehicle or other device or other uses not associated with transportation in commerce.

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

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 172.320 and 173.56(b), insofar as the requirements for examination, classing and approval of air bag inflators or air bag modules or seat belt pretensioners as either Class 9 or Division 2.1 or Division 2.2 articles.
5. BASIS: This exemption is based on the application of TRW Automotive dated April 1, 2004, submitted in accordance with § 107.105 and the public proceeding thereon.
6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous materials description -- proper shipping name	Hazard Class/ Division	Identi- fication Number	Packing Group
Articles, explosive, n.o.s. (air bag inflators or air bag modules or seat belt pretensioners)	1.4C	UN0351	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING -

(1) INNER PACKAGING - Receptacle, fiberboard, metal, plastic or wood, containing not more than 10 airbag inflators or airbag modules or seat belt pretensioners each, and with sufficient cushioning between devices to prevent movement during transport.

(2) OUTER PACKAGING - Non-specification BATF Type 3 steel magazine box (not less than 12 gauge thickness), lined with not less than 1.25 cm (½ inch thickness) gypsum board or plywood on all sides; or a fire-resistant safe; or a IME Safety Library Publication 22 container. Not more than 50 air bag inflators or airbag modules or seat belt pretensioners may be contained within the outer packaging.

b. OPERATIONAL CONTROLS -

(1) Not more than fifty outer packagings may be transported per motor vehicle.

(2) This exemption only authorizes carriage of airbag inflators or airbag modules or seat belt pretensioners between the holder or a party's laboratory or manufacturing facilities, and customer or laboratory testing locations and disposal facilities.

8. SPECIAL PROVISIONS:

a. Shipments covered by this exemption are for development and evaluation of product and do not require EX-Approval Numbers to be marked on the outer packaging or incorporated with the proper shipping description.

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

c. When an air bag inflator contains a non-flammable or flammable gas or mixture thereof, the pressure vessel/device must meet:

(i) One of the specifications for cylinders contained in Part 178, Subpart C - Specification for cylinders;

(ii) A DOT exemption that authorizes the manufacture, mark, sale and use of pressure vessels for use as components of safety systems; or

(iii) Section 173.306(a).

d. Shipments of airbag inflators or modules which utilize a non-DOT specification pressure vessel authorized under an exemption do not require the exemption number for the non-specification pressure vessel to be marked on the outer packaging or on shipping papers.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS:

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

b. Transportation of airbag inflators, airbag modules or seat belt pretensioners is limited to private carriage or other carriers under contract to the holder or a party to this exemption. When contract carriers are utilized, no

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other hazardous materials may be transported within the same cargo carrying body on a transport vehicle.

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:

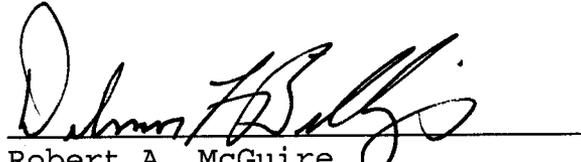
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this 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 fire, explosion or 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 incidents involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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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: SCW/dl

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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
ARC Automotive, Inc. Knoxville, TN	Dec 03, 2003	Apr 27, 2004	Feb 28, 2005
Atlantic Research Corporation Knoxville, TN	May 12, 2003	May 30, 2003	Feb 28, 2005
Automotive Systems Laboratory, Inc. Armada, MI	Apr 29, 2003	May 08, 2003	Feb 28, 2005
Breed Technologies, Inc. Lakeland, FL	Mar 17, 2003	Mar 27, 2003	Feb 28, 2005
Delphi Automotive Systems Vandalia, OH	Sep 03, 2003	Sep 24, 2003	Feb 28, 2005
Ford Motor Company Dearborn, MI	May 27, 2004	OCT 06 2004	Feb 28, 2005
General Dynamics-OTS Aerospace Inc. Redmond, WA	Apr 01, 2004	Apr 27, 2004	Feb 28, 2005
Global Manufacturing Solutions, Inc.	Nov 10, 2003	Apr 27, 2004	Feb 28, 2005
Inflation Systems, Inc. LaGrange, GA	Apr 30, 2003	Feb 13, 2003	Feb 28, 2005
Inflation Systems, Inc. Moses Lake, WA	Apr 30, 2003	May 08, 2003	Feb 28, 2005
Key Safety Sys. formerly Breed Technologies, Inc. Lakeland, FL	Oct 03, 2003	Oct 20, 2003	Feb 28, 2005
Special Devices, Incorporated Moorpark, CA	Feb 09, 2004	Apr 27, 2004	Feb 28, 2005



Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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