



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

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

NOV 26 2003

DOT-E 11516
(NINTH REVISION)

EXPIRATION DATE: September 30, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Falcon Safety Products, Inc.
Somerville, NJ

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

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in commerce of certain DOT Specification 2Q containers containing hazardous materials identified in paragraph 6. 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.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.304(a) in that a DOT Specification 2Q container is not listed as authorized packaging; Part 172, subpart C unless transported by air; Part 172, subpart E unless transported by air; Part 172, subpart F; Part 174; and Part 177.
5. BASIS: This exemption is based on the application of Falcon Safety Products, Inc. dated October 29, 2003, in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Compressed gas, flammable, n.o.s./Tetrafluoroethane and Dimethylether mixtures (each chemical must make up at least 30% but no more than 70% of the contents)	2.1	UN1954	N/A
1,1-Difluoroethane or Refrigerant gas R 152a	2.1	UN1030	N/A

7. SAFETY CONTROL MEASURES:

- a. PACKAGING - Prescribed packagings are DOT Specification 2Q containers not exceeding 667 ml capacity. Containers must be shipped as follows:
- (1) The maximum permitted filling density is 79 percent. In addition, the liquid portion of the gas must not completely fill the container at any temperature up to and including 130°F.
 - (2) The pressure in the container must not exceed 65 psig at 70°F and 180 psig at 130°F.
 - (3) The container must be capable of withstanding without bursting a pressure of one and one-half times the equilibrium pressure of the content at 130°F.
 - (4) The containers must be packed in strong outside packagings.
 - (5) Each package may not exceed 66 pounds gross weight.
- b. TESTING - Each completed container filled for shipment must have been heated until the pressure in the container is equivalent to the equilibrium pressure of the content at 130°F without evidence of leakage, distortion, or other defect.

- c. OPERATIONAL CONTROLS - Shipments are not subject to the shipping paper requirements of subpart C of Part 172 unless offered for transportation by aircraft. Shipments are not subject to the labeling requirements of subpart E of Part 172 except when offered for transportation by air. The CARGO AIRCRAFT ONLY label must be printed or affixed to a surface (other than the bottom) of each package in proximity to the required marking and labeling on each package intended for transportation by air. Shipments are not subject to the placarding requirements of subpart F of Part 172, to Part 174 and to Part 177.
- d. MARKING - All outer packages must be marked in accordance with the marking requirements of subpart D of Part 172 and "DOT-E 11516".

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 modification or change is made to the package or its contents 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.

c. Transportation of Division 2.1 (flammable gases) are not authorized aboard cargo vessel or aircraft unless specifically authorized in the Hazardous Materials Table (§ 172.101).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, cargo vessel, and cargo aircraft only.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each aircraft used to transport packages covered by this exemption. The shipper must furnish a copy of this exemption to the air carrier before or at the time the shipment is tendered.

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:

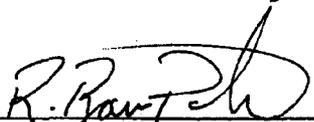
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Registration required by § 107.601 et seq., when applicable.

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 the 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 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

NOV 26 2003
(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.

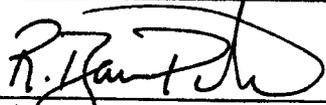
PO: CHHochman/alb

SEP 16 2004

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
Aerofil Technology, Inc. Sullivan, MO	Oct 09, 2003	Oct 28, 2003	Sep 30, 2005
Claire-Sprayway, Inc. dba Claire Mfg., Co. Addison, IL	Nov 25, 2003	Dec 12, 2003	Sep 30, 2005
Claire-Sprayway, Inc., dba Sprayway, Inc Adison, IL	Nov 25, 2003	Dec 12, 2003	Sep 30, 2005
CRC Industries, Inc. Warminster, PA	Sep 16, 2004	SEP 16 2004	Sep 30, 2005
Dotcom Distribution Edison, NJ	Mar 10, 2004	Apr 16, 2004	Sep 30, 2005
EMC Packaging, Inc. Lakewood, NJ	Jan 08, 2004	Jan 23, 2004	Sep 30, 2005
Ecotec Manufacturing Inc. Ft. Lauderdale, FL	Oct 27, 2003	Dec 08, 2003	Sep 30, 2005
Hydrosol, Inc. Bridgeview, IL	Dec 22, 2003	Jan 23, 2004	Sep 30, 2005
Kensington Technology Group of ACCO Brands/Fortune San Mateo, CA	Nov 24, 2003	Dec 08, 2003	Sep 30, 2005
ORB Industries, Inc. Brookhaven, PA	Dec 04, 2003	Jan 23, 2004	Sep 30, 2005
Pelco International Redding, CA	Nov 17, 2003	Dec 08, 2003	Sep 30, 2005
Photoco, Inc. Solon, OH	Oct 07, 2003	Oct 18, 2003	Sep 30, 2005
Polysciences, Inc. Warrington, PA	May 25, 2004	May 28, 2004	Sep 30, 2005
QPL, Inc. Thibodaux, LA	Jan 08, 2004	Feb 04, 2004	Sep 30, 2005
Shield Packaging of California, Inc. Chino, CA	Nov 13, 2003	Nov 26, 2003	Sep 30, 2005

Company Name City/State	Application Date	Issue Date	Expiration Date
Spray Products Corporation Norristown, PA	Dec 04, 2003	Feb 26, 2004	Sep 30, 2005
Sprayway, Inc. dba Claire-Sprayway, Inc. Addison, IL	May 15, 2002	Dec 12, 2003	Sep 30, 2005
Stoner, Inc. Quarryville, PA	Feb 16, 2004	Feb 26, 2004	Sep 30, 2005
Ted Pella, Inc. Redding, CA	Nov 17, 2003	Dec 08, 2003	Sep 30, 2005



Robert A. McGuire

FE Associate Administrator for
Hazardous Materials Safety