U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 10081 (EXTENSION)
SECOND REVISION September 12, 1991

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 10081 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to December 31, 1995. This change is effective from the issue date of this extension. All other terms of the exemption remain unchanged.

This extension applies only to party(ies) listed below based on the application(s) received in accordance with 49 CFR 107.105. This extension constitutes a necessary part of this exemption and must be attached to it.

J. Suzanne Hedgspeth
Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

MAR 17 1994
(DATE)

Dist: FHWA

EXEMPTION HOLDER	APPLICATION DATE
Thiokol Corporation Brigham City, UT	January 5, 1994

ADVISORY

IF YOU ARE A HOLDER OF AN EXEMPTION THAT AUTHORIZES THE USE OF A PACKAGING WITH A MAXIMUM CAPACITY LESS THAN 450 L (119 GALLONS) OR A MAXIMUM NET MASS LESS THAN 400 KG (882 POUNDS), PLEASE BE ADVISED THAT YOUR EXEMPTION MAY NOT BE RENEWED BEYOND SEPTEMBER 30, 1996. IN ADDITION, NO NEW CONSTRUCTION OF PACKAGINGS WHICH FALL WITHIN THE NON-BULK CAPACITIES LISTED ABOVE ARE AUTHORIZED AFTER SEPTEMBER 30, 1994. THIS IS CONSISTENT WITH THE IMPLEMENTATION OF THE NEW PACKAGING REQUIREMENTS ADOPTED UNDER DOCKET HM-181. ANY APPLICATION SUBMITTED TO THIS OFFICE TO RENEW AN EXEMPTION BEYOND THE SEPTEMBER 30, 1996 DATE WILL BE DENIED UNLESS THE APPLICATION CONTAINS SUPPORTING INFORMATION TO JUSTIFY THE CONTINUATION OF THE EXEMPTION.

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SEP 12 1991

DOT-E 10081
(SECOND REVISION)

1. Thiokol, Inc., Brigham City, Utah, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer rocket motors for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the transportation of rocket motors via highway in non-DOT specification packagings, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Thiokol's application dated May 9, 1991, submitted in accordance with 49 CFR 107.105 and supplemental letter dated August 23, 1991 and supporting letter from the National Aeronautics and Space Administration dated August 30, 1991 submitted in accordance with 49 CFR 107.113 and a determination that it is necessary to preclude serious economic loss.

3. HAZARDOUS MATERIALS (Descriptor and class). Rocket motor identified as Propellant Cartridge 7U99125, 7U99125-01 and 7U99125-03 (EX-8810156) or (EX-9005050), classed as Class B explosive.

4. PROPER SHIPPING NAME (49 CFR 172.101). Rocket motor.

5. REGULATION AFFECTED. 49 CFR 173.92.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. The rocket motor shall be packaged in accordance with Thiokol's drawing 2U128026 dated May 8, 1987, on file in the Office of Hazardous Materials Exemptions and Approvals.

8. SPECIAL PROVISIONS.

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

b. Drivers must have been instructed as to necessary safeguards and proper procedure in the event of unusual delay, fire, or accident.

c. Packaging tie-downs shall be in accordance with Thiokol's Shipping Container Analysis dated May 8, 1987.

d. Motor carriers operating under the terms of this exemption must have a "Satisfactory" safety rating as prescribed in 49 CFR Part 385.

9. REPORTING REQUIREMENTS: Any incident involving loss of packaging contents or packaging failure must be reported to the Associate Administrator for Hazardous Materials Safety as soon as practicable.

10. EXPIRATION DATE. May 1, 1993.

Issued at Washington, D.C.

SEP 12 1991

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, U.S. Department of Transportation, Washington, D.C. 20590. Attention: Exemptions Branch.

Dist: FHWA.