U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 8555 (EXTENSION)
FOURTH REVISION December 19, 1990

In accordance with 49 CFR 107.105 of the Department of Transportation (DOT) Hazardous Materials Regulations DOT-E 8555 is hereby extended for the party(ies) listed below by changing the expiration date in paragraph 10 to July 31, 1996. 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.

Suzanne Hedgepeth

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

SEP 30 1994
(DATE)

Dist: FHWA FRA

| EXEMPTION HOLDER | APPLICATION DATE |
|---|---|
| Thiokol Corporation<br>Brigham City, UT | October 29, 1993 |

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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400 Seventh Street, S.W.
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DEC

DOT-E 8555
(FOURTH REVISION)

1. Thiokol, Corporation, Brigham City, Utah, is hereby granted an exemption from certain provisions of this Department's Hazardous Materials Regulations to offer large rocket motor segments without outside packagings for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the transportation of large rocket motor segments on special equipped transport vehicles, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on Thiokol's application dated September 25, 1990, submitted in accordance with 49 CFR 107.105 and the public proceeding thereon; and by letter dated January 16, 1989 and May 2, 1990.

3. HAZARDOUS MATERIALS (Descriptor and class). Rocket motor segment, 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 and rail freight.

7. SAFETY CONTROL MEASURES. The rocket motor segment shall be transported by highway on the "Ring Deck, Highway Transport Assembly" shown on drawings 8U52749, 8U51332, 8U51333, 8U51334, 2U65079, and 1U82201 or by rail in accordance with drawings 8U50800, 8U51545, 8U51532, 8U51533, 8U51534, 8U50920-01 and 8U50934.

8. SPECIAL PROVISIONS.

a. For transportation by motor vehicle.

i. Transportation of the rocket motor segment on the "Ring Deck, Highway Transport Assembly" is authorized only between Thiokol's plant approximately 26 miles west of Brigham City, Utah and the Corinne, Utah rail siding.

ii. The vehicle transporting the rocket motor segment may not exceed a speed of 20 miles per hour.

iii. Two escort vehicles with flashing amber warning lights shall be provided. One shall precede the unit bearing the rocket motor segment and the other shall follow it.

iv. A copy of this exemption must be carried aboard each motor vehicle used to transport the rockt motor segment covered by this exemption.

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

b. For transportation by rail freight:

i. Packaging shall be that as described in Thiokol letters of May 19, 1978 (1142-78-L-46), Feb. 12, 1979 (1142-79-L-19), Feb. 28, 1979 (1142-79-L-24), Mar. 20, 1979 (1142-79-L-42) and referenced drawings where the following is applicable.

(1) Each rocket motor segment described as the "forward segment", "center segment" and "aft segment" must be identified to and acknowledged in writing by the Associate Administrator for Hazardous Materials Safety prior to first shipment.

ii. Each transport vehicle must be plainly marked on both sides in at least four inch letters on a contrasting background, DOT-E 8555.

9. REPORTING REQUIREMENTS. Any incident involving fire, explosion or 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. November 1, 1992.

Issued at Washington D.C.:

DEC 19 1990

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, FRA.