U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

DOT-E 9481
(CORRECTED COPY)

1. C-I-L Inc., North York, Ontario, Canada, (U.S. Agent: C-I-L Corporation of America, Stamford, Connecticut),is hereby granted an exemption from those provisions of this Department's Hazardous Materials Regulations specified in paragraph 5 below to offer packages prescribed herein of PETN wet with 25% water for transportation in commerce subject to the limitations and special requirements specified herein. This exemption authorizes the transportation of PETN wet with 25% water in plastic bags packed in fiberboard boxes instead of metal drums, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on an application from the C-I-L Inc. dated June 28, submitted in accordance with 49 CFR 107.103 and the public proceeding thereon; supplemented by letters dated December 20, 1985, and February 11, 1986.

3. HAZARDOUS MATERIALS (Descriptor and class). Pentaerythrite tetranitrate (PETN) wet with water in the ratio of 25 pounds of water to 75 pounds of PETN, classed as Class A explosive.

4. PROPER SHIPPING NAME (49 CFR 172.101). Initiating explosive.

5. REGULATION AFFECTED. 49 CFR 173.77.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle.

7. SAFETY CONTROL MEASURES. Packaging prescribed is wet PETN placed in a two-ply open-mouth polyethylene bag, each ply being 3 mil nominal thickness, closed and securely tied with twine. This bag must then be placed in a DOT Specification 12H65 fiberboard box. The quantity of wet PETN in one package may not exceed 55 pounds (25 kg).

8. SPECIAL PROVISIONS.

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

b. Packagings used under this exemption may not be reused for shipping any material.

c. This exemption authorizes transportation of wet PETN from point of entry into the United States to place of use or export only and does not authorize any transfer of cargo enroute.

d. No other cargo may be transported on the same vehicle with the wet PETN. The quantity of wet PETN in one vehicle may not exceed 40,000 pounds.

e. Transportation must be by private carrier only.

f. The packages must be blocked and braced to prevent any dangerous movement.

g. Each outside packaging must be marked "INITIATING EXPLOSIVE - DANGEROUS - DO NOT STORE OR LOAD WITH ANY HIGH EXPLOSIVE"

9. REPORTING REQUIREMENTS. Any incident involving loss of contents of the package must be reported to the Office of Hazardous Materials Transportation as soon as practicable.

10. EXPIRATION DATE. July 31, 1987.

Issued at Washington, D.C.:

Joseph T. Horning

FEB 21 1986

for Alan I. Roberts
Director
Office of Hazardous Materials Transportation

(DATE)

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

Dist: FHWA