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

APR 27 1989

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

DOT-E 9959

1. Advanced Technology Materials, Inc. (ATM), New Milford Connecticut, is hereby granted an emergency exemption from certain provisions of this Department's Hazardous Materials Regulations to offer for transportation packages prescribed herein of the hazardous materials described in paragraph 3 below in commerce, subject to the limitations and special requirements specified herein. This exemption authorizes a one-time shipment of a limited quantity of hydrazine using stainless steel DOT 3E or DOT 3B 400 specification cylinders, and provides no relief from any regulation other than as specifically stated.

2. BASIS. This exemption is based on ATM's application for an emergency exemption dated March 21, 1988, and supplemental letter dated April 6, 1988, submitted in accordance with 49 CFR 107.113 and a supporting letter from the Department of Defense (Department of the Air Force) dated April 6, 1988. Granting of the exemption is in the national interest based on a statement by the U.S. Department of Defense.

3. HAZARDOUS MATERIALS (Descriptor and class). Anhydrous hydrazine classed as a flammable liquid.

4. PROPER SHIPPING NAME (49 CFR 172.101). Hydrazine, anhydrous.

5. REGULATION AFFECTED. 49 CFR 173.276, 175.3.

6. MODES OF TRANSPORTATION AUTHORIZED. Motor vehicle, cargo-aircraft only.

7. SAFETY CONTROL MEASURES. Packaging prescribed is a DOT specification 3E 1800 or 3B 400 cylinder, with not over 75 ml volumetric capacity. Maximum charge is 50 grams of hydrazine per cylinder. The cylinder must be placed in a heat-sealed barrier bag which is impervious to the lading and then wrapped in sufficient creped cellulose wadding to completely absorb the contents of the cylinder. The bagged and wrapped cylinder must be placed in a snugly fitting strong rigid can. The can must be securely closed. The can must be placed in a securely closed single-wall carton constructed of 275 pound fiberboard. This carton must be placed in a heat-sealed barrier bag which is impervious to the lading and then in a tightly fitting, securely closed double-walled carton constructed of 600 pound test fiberboard. No more than four intermediate packages are allowed in the outside packaging. The packaging must be in conformance with the basic design criteria of the UPS' Packaging Number 37 described in the UPS' "Guide For Shipping Hazardous Materials, June 1981," except marking reference must be to this exemption "DOT-E 9959".

8. SPECIAL PROVISIONS.

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

b. Each package must be labeled with a Poison B liquid label in addition to the flammable liquid label.

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

10. EXPIRATION DATE. June 30, 1988.

Issued at Washington, D.C.:

for Joseph T. Horning

Alan I. Roberts
Director
Office of Hazardous Materials
Transportation

APR 27 1988
(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, FAA