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

MAR 20 1996

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

DOT-E 11199
(FIRST REVISION)

EXPIRATION DATE: January 1, 1997

(FOR RENEWAL, SEE 49 CFR SECTION 107.105.)

1. GRANTEE: Dexsil Corporation, Hamden, CT

2. PURPOSE AND LIMITATION: This exemption authorizes the transportation in commerce of very small quantities of Division 4.3 materials, sodium metal dispersions - UN1391, and calcium hydride - UN 1404, in specially designed packagings to be shipped under the provisions of §173.4. This exemption provides no relief from any regulation other than as specifically stated herein.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR Sections 173.4(a).

5. BASIS. This exemption is based on Dexsil Corporation's application dated May 3, 1993, submitted in accordance with 49 CFR 107.103 and the public process thereon and supplemental information dated December 20, 1995.

6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous materials description/proper shipping name	Hazard Class/ Division	Identification number	Packing Group
Alkali metal dispersions*	4.3	UN1391	I
Calcium hydride	4.3	UN1404	I

* Sodium metal dispersions only.

7. PACKAGING AND SAFETY CONTROL MEASURES:

a. PACKAGING - A sealed glass ampule, containing .28 grams of a sodium metal dispersion (no more than .060 grams of sodium dispersed in mineral oil), is packaged in a .025 inch walled polyethylene tube. The tube is packaged in a fiberboard box and 20 boxes are sealed in a foil bag. The foil bag is placed in a UN 4G/X and four of these boxes are placed in another UN 4G/X. The total quantity of sodium metal in the completed package may not exceed 4.5 grams.

b. TESTING - The completed package must meet Packing Group I performance standards and comply with §173.4 and §173.27(c).

c. MARKING - Each package must be marked "DOT E-11199", in addition to other required markings.

8. SPECIAL PROVISIONS. Persons who receive the packages covered by this exemption may reoffer them for transportation provided no modifications or changes are made to the packages, all terms of this exemption are complied with and a current copy of this exemption is maintained at each facility from which such reoffering occurs.

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

10. MODAL REQUIREMENTS: A copy of this exemption must be carried aboard each cargo vessel, aircraft or motor vehicle used to transport packages covered by this exemption or affixed to the package. In accordance with the provisions of 49 CFR Part 107, Appendix B to Subpart B, paragraph 3, the shipper shall 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:

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

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 unless a regulation has been amended making the exemption no longer necessary.

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. (49 CFR 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 at Washington, D.C.:

for Marilyn J. Morris

Alan I. Roberts
Associate Administrator
for Hazardous Materials Safety

MAR 20 1996
(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.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

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