



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

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

JUL 6 2004

DOT-E 11169
(FIFTH REVISION)

EXPIRATION DATE: May 31, 2006

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Amalgamet Canada (Division of Premetalco, Inc.)
Toronto, Ontario, Canada
(US Agent: Amalgamet, Inc., Atlanta, GA)

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in commerce of certain liquids, classed as Division 6.1 and Class 8 which are poisonous by inhalation, packaged in a UN6PA1 composite packaging in an outer wooden box. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

- b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.227(b) in that the packaging is not authorized, except as specified herein.
5. BASIS: This exemption is based on the application of Amalgamet Canada, dated June 24, 2004, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Phosphorus oxychloride	8	UN1810	II Hazard Zone B
Phosphorus trichloride	6.1	UN1809	I Hazard Zone B
Titanium tetrachloride	8	UN1838	II Hazard Zone B
Toxic liquid, corrosive, inorganic, n.o.s. (germanium tetrachloride)	6.1	UN3289	I Hazard Zone B

7. SAFETY CONTROL MEASURES:

a. PACKAGING - The packaging authorized is comprised of three components. The exterior component is a compartmented wooden crate. The other two components are a UN6PA1 composite packaging (consisting of a glass inner receptacle within a cushioned stainless steel cylindrical outer packaging) and a cushioned plywood box. The volume of the glass inner receptacle may not exceed 20 liters. The closure of the inner receptacle consists of a Teflon valve system. Four plywood boxes are placed in each outer wooden crate.

b. TESTING - The packaging must meet the performance test requirements of 49 CFR 178 Subpart M at the Packing Group I performance level for a UN6PA1 composite container. After filling, each package must be tested as specified in the Amalgamet Canada procedure dated June 16, 1995 to assure that it is not leaking.

c. MARKING - Each outer wooden crate must be plainly marked in letters at least two inches in height on a contrasting background, "DOT-E 11169".

8. SPECIAL PROVISIONS:

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a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modification or change is made to the package or its contents and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. Shipments must be made only in dedicated shipping containers (20 or 40 foot intermodal containers), without any intermediate pickup or delivery.

d. Packages may not be stacked (double decked) within the transport vehicle.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, cargo vessel.10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each cargo vessel or motor vehicle used to transport packages covered by this exemption.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:

- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

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.

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. (Sections 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 incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:

Robert A. McGuire

bn Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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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.

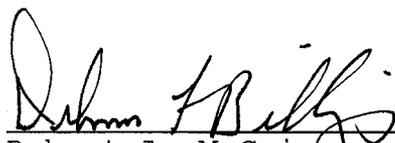
Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions> Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: KFW/AM

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Corning, Incorporate/ Corporate Transportation Corning, NY	Sep 16, 2002	Oct 25, 2002	Sep 30, 2004



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety