



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

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

SEP 11 2003

DOT-E 13264

EXPIRATION DATE: September 15, 2005

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Trinity Manufacturing Inc.  
Hamlet, NC
2. PURPOSE AND LIMITATION:
  - a. This exemption authorizes limited transportation in commerce within the United States of certain non-insulated, non-DOT specification steel portable tanks containing chloropicrin to facilitate international commerce. 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 § 173.244 in that chloropicrin is not allowed for transport in a non-DOT specification portable tank and § 172.101 Table Column 7, Special Provision B14, in that each tank must be insulated, except as provided herein.
5. BASIS: This exemption is based on the application of Trinity Manufacturing, Inc., dated May 30, 2003 and supplemental information dated June 6, 2003 and August 29, 2003, submitted in accordance with § 107.105 and the public proceeding thereon.

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6. HAZARDOUS MATERIALS (49 CFR § 172.101):

Hazardous Materials Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Chloropicrin	6.1	UN1580	I, Hazard Zone B

7. SAFETY CONTROL MEASURES:

a. PACKAGING - The authorized packagings are 40 non-DOT specification steel portable tanks bearing owner's serial numbers DSBU 781100 through DSBU 781139. Each tank conforms to IMO Type 5 tank specification and technical specifications on file with the Office of Hazardous Materials Exemptions and Approvals (OHMEA). New construction is not authorized. The tank must comply with the following :

(1) Code - Complies with the ASME Section VIII Div. 1 but not certified, and with IMO Type 5 specification. Each tank is enclosed in an ISO type 1C frame.

(2) Insulation - None.

(3) Number of Compartments - 1.

(4) Tank Size (in) - outside dia. X Length X Thickness  
67 X 230 X 0.4 min.

(5) Head Thickness (inches) - 0.500 min.

(6) Water capacity (U.S. Gallons) - 3,263.

(7) Material - Low alloy carbon steel, tensile strength 78,464 psi min.

(8) Design Pressure (PSIG) - 217.

(9) Openings - 20 inch manhole, top; and other top openings, no bottom openings.

(10) Tank surface area (square feet) - 348.

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(11) Safety Relief Devices - One 3-3/8" spring loaded safety relief valve outboard of rupture disc, set at 213 psig. Total venting capacity equals 1,200,000 SCFH.

Spring loaded valves must be set to open at not less than design pressure and not more than 130 percent of design pressure.

(12) G-Loadings: Vertical down 2; Vertical up 1; Longitudinal 2; and Transverse 1.

(13) Maximum Gross Weight - 52,910 pounds.

b. TESTING - Each tank must be requalified by an inspection and test at least once every 5 years, in conformance with the provisions of § 180.605 as specified for a UN portable tank. Each tank must be (i) visually inspected prior to each trip to ensure that it has not been damaged on the previous trip; (ii) visually inspected at least once in every 2-1/2 years in accordance with the provisions of § 180.605; and (iii) pressure tested at least once every 5 years, one and one-half times the design pressure plus static head.

c. OPERATIONAL CONTROLS -

(1) Highway transportation must be between Hamlet NC and the Port of Savannah GA, or to other ports approved by the Associate Administrator of Hazardous Materials Safety. Return transportation is authorized. Routing must be selected to avoid population centers.

(2) Drivers must be instructed as to necessary safeguards and proper procedure in the event of unusual delay. Additionally, drivers must be trained and instructed to, when possible, move their vehicle away from the site of an accident involving a loss of fuel or fire, provided no lives will be endangered by moving the vehicle.

(3) Cargo vessel stowage must be on deck only, clear of living quarters.

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8. SPECIAL PROVISIONS:

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 grantee's facility in Hamlet, NC.

c. Each tank must be plainly and durably marked with the exemption number "DOT-E 13246" on a contrasting background, in accordance with § 172.302(b) and (c).

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle and 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 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 this exemption has expired or is otherwise no longer in effect.

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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*  
Robert A. McGuire  
Associate Administrator for  
Hazardous Materials Safety

SEP 11 2003,

(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: PTolson