

PORTABLE TANK CODE T23—Continued

[Portable tank code T23 applies to self-reactive substances of Division 4.1 and organic peroxides of Division 5.2.]

UN No.	Hazardous material	Minimum test pressure (bar)	Minimum shell thickness (mm—reference steel) See . . .	Bottom opening requirements See . . .	Pressure-relief requirements See . . .	Filling limits	Control temperature	Emergency temperature
3110	* Dicumyl peroxide less than r equal to 100% with inert solids. Maximum quantity per portable tank 2,000 kg.	*	4	*	*	*	*	*
			§ 178.274(d)(2) ..	§ 178.275(d)(3) ..	§ 178.275(g)(1) ..	Not more than 90% at 59 °F (15 °C).		
3119	* tert-Butyl peroxyvalate, not more than 27% in diluent Type B.	*	4	*	*	*	*	*
			§ 178.274(d)(2) ..	§ 178.275(d)(3) ..	§ 178.275(g)(1) ..	Not more than 90% at 59 °F (15 °C).	+5 °C	+10 °C

(viii) * * *

Code/Special Provisions

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TP3 For materials transported under elevated temperatures, the maximum degree of filling is determined by the following:

$$\left(\text{Degree of filling} = 95 \frac{d_t}{d_f} \right).$$

Where:

d_t is the density of the material at the maximum mean bulk temperature during transport; and

d_f is the density of the material at the temperature in degrees celsius of the material during filling; and

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■ 12. In § 172.202, paragraphs (a)(2), (a)(5) and (b) are revised and (a)(6) is added to read as follows:

§ 172.202 Description of hazardous material on shipping papers.

(a) * * *

(2) The hazard class or division number prescribed for the material, as shown in Column (3) of the § 172.101 Table. Except for combustible liquids, the subsidiary hazard class(es) or subsidiary division number(s) must be entered in parentheses immediately following the primary hazard class or division number. The words “Class” or “Division” may be included preceding the primary and subsidiary hazard class or division numbers. The hazard class need not be included for the entry “Combustible liquid, n.o.s.”;

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(5) The total quantity of hazardous materials covered by the description

must be indicated (by mass or volume, or by activity for Class 7 materials) and must include an indication of the applicable unit of measurement. For example, “200 kgs.” or “50 L.” The following provisions also apply:

(i) For Class 1 materials, the quantity must be the net explosive mass.

(ii) For hazardous materials in salvage packaging, an estimate of the total quantity is acceptable.

(iii) The following are excepted from the requirements of paragraph (a)(5) of this section:

(A) Bulk packages, provided some indication of the total quantity is shown, for example, “1 cargo tank” or “2 IBCs.”

(B) Cylinders, provided some indication of the total quantity is shown, for example, “10 cylinders”.

(C) Packages containing only residue.

(6) The number and type of packages must be indicated. The type of packages may be indicated by description and by packaging specification number when applicable (for example, “12 drums”, “12 UN 1A1”, “15 4G”, or “2 UN 3H1 jerricans.” Abbreviations may be used for indicating packaging types (for example, cyl. for cylinder), provided the abbreviations are commonly accepted and recognizable.

(b) Except as provided in this subpart, the basic description specified in paragraphs (a)(1), (2), (3) and (4) of this section must be shown in sequence with no additional information interspersed. For example, “Cyclobutyl chloroformate, 6.1, (8,3), UN2744, PG II”. Alternatively, the basic description may be shown with the identification (ID) number listed first. For example,

“UN2744, Cyclobutyl chloroformate, 6.1, (8, 3), PG II.”

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§ 172.203 [Amended]

■ 13. In § 172.203, paragraphs (i)(1), (i)(2), (i)(3) and (i)(6) are removed and paragraphs (i)(4) and (i)(5) are redesignated (i)(1) and (i)(2), respectively.

■ 14. In § 172.301, paragraph (a)(1) is revised to read as follows:

§ 172.301 General marking requirements for non-bulk packagings.

(a) * * *

(1) Except as otherwise provided by this subchapter, each person who offers a hazardous material for transportation in a non-bulk packaging must mark the package with the proper shipping name and identification number (preceded by “UN” or “NA,” as appropriate) for the material as shown in the § 172.101 Table. Identification numbers are not required on packagings that contain only ORM-D materials or limited quantities, as defined in § 171.8 of this subchapter, except for limited quantities marked in accordance with the marking requirements in § 172.315.

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15. In § 172.312, a new paragraph (c)(6) is added to read as follows:

§ 172.312 Liquid hazardous materials in non-bulk packagings.

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(c) * * *

(6) Packages containing liquid infectious substances in primary receptacles not exceeding 50 ml (1.7 oz.).

■ 16. A new section § 172.315 is added to read as follows: