

§ 176.142 Hazardous materials of extreme flammability.

(a) Except as allowed by paragraph (b) of this section, certain hazardous materials of extreme flammability may not be transported in a vessel carrying Class 1 (explosive) materials. This prohibition applies to the following liquid hazardous materials:

Carbon disulfide	UN1131	Class 3
Diethylzinc	UN1366	Division 4.2
Dimethylzinc	UN1370	Division 4.2
Magnesium alkyls	UN3053	Division 4.2
Methyl phosphonous di-chloride, <i>pyrophoric liquid</i> .	NA2845	Division 6.1
Nickel carbonyl	UN1259	Division 6.1
Pyrophoric liquid, inorganic, n.o.s.	UN3194	Division 4.2
Pyrophoric liquid, organic, n.o.s.	UN2845	Division 4.2
Organometallic substance, liquid, pyrophoric.	UN3392	Division 4.2
Organometallic substance, liquid, pyrophoric, water-reactive.	UN3394	Division 4.2

(b) The hazardous materials listed in paragraph (a) of this section may be transported in a vessel carrying the following Class 1 (explosive) materials as cargo:

(1) Division 1.4 (explosive) materials, compatibility group S.

(2) Explosive articles having the following proper shipping names and identification numbers (see column (4) of the §172.101 table) if designed for lifesaving purposes and their total net explosive mass (weight) does not exceed 50 kg (110 lbs) per vessel:

(i) ARTICLES, PYROTECHNIC: UN Nos. 0428, 0429, 0430, 0431.

(ii) CARTRIDGES, FLASH: UN Nos. 0049, 0050.

(iii) CARTRIDGES, SIGNAL: UN Nos. 0054, 0312.

(iv) SIGNAL DEVICES, HAND: UN No. 0191.

(v) SIGNALS, DISTRESS: UN Nos. 0194, 0195.

(vi) SIGNALS, SMOKE: UN Nos. 0196, 0197, 0313.

(3) Class 1 (explosive) materials in compatibility groups C, D, and E if the total net explosive mass (weight) does not exceed 10 kg (22 pounds) per vessel.

(4) Explosive articles in compatibility group G, except fireworks and Class 1 (explosive) materials requiring special stowage if the total net explosive mass (weight) does not exceed 10 kg (22 pounds) per vessel.

(c) When a vessel carrying Class 1 (explosive) materials allowed under paragraph (b) of this section also carries a hazardous material of extreme flammability, that hazardous material must be stowed in a part of the vessel as remote as practicable from the Class 1 (explosive) materials.

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