§ 173.211 Non-bulk packagings for solid hazardous materials in Packing Group I.

(a) When §172.101 of this subchapter specifies that a solid hazardous material be packaged under this section, only non-bulk packagings prescribed in this section may be used for its transportation. Each package must conform to the general packaging requirements of subpart B of part 173, to the requirements of part 178 of this subchapter at the packing group I performance level, and to the requirements of the special provisions of column 7 of the §172.101 table.

(b) The following combination packagings are authorized:

**Outer packagings:**
- Steel drum: 1A2
- Plastic drum: 1H2
- Plywood drum: 1D
- Fiber drum: 1G
- Steel box: 4A
- Natural wood box: 4C1 or 4C2
- Plywood box: 4D
- Reconstituted wood box: 4F
- Expanded plastic box: 4G
- Solid plastic box: 4H1

**Inner packagings:**
- Glass or Steel receptacle
- Earthenware receptacle
- Solid plastic box: 4H2

(c) Except for transportation by passenger aircraft, the following single packagings are authorized:

- Steel drum: 1A1
- Steel jerrican: 3A1
- Plastic receptacle in steel drum: 6HA1

Cylinders (for liquids in PG I), specification or UN standard, as prescribed for any compressed gas, except Specification 3HT and those prescribed for acetylene.

Cylinders (for liquids in PG II), specification, as prescribed for any compressed gas, except Specification 8 and 3HT cylinders.


§ 173.212 Non-bulk packagings for solid hazardous materials in Packing Group II.

(a) When §172.101 of this subchapter specifies that a solid hazardous material be packaged under this section, only non-bulk packagings prescribed in this section may be used for its transportation. Each package must conform to the general packaging requirements of subpart B of part 173, to the requirements of part 178 of this subchapter at

**Outer packagings:**
- Steel drum: 1A1 or 1A2
- Steel jerrican: 3A1 or 3A2
- Aluminum drum: 1B1 or 1B2
- Natural wood box: 4C1 or 4C2
- Reconstituted wood box: 4F
- Expanded plastic box: 4G
- Solid plastic box: 4H1

**Inner packagings:**
- Glass or earthenware receptacles
- Plastic receptacles
- Metal receptacles
- Glass ampoules

(c) Except for transportation by passenger aircraft, the following single packagings are authorized:

- Steel drum: 1A1 or 1A2
- Steel jerrican: 3A1 or 3A2
- Aluminum drum: 1B1 or 1B2
- Natural wood box: 4C1 or 4C2
- Plywood box: 4D
- Solid plastic box: 4H1

Cylinders, as prescribed for any compressed gas, except for Specification 8 and 3HT.
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§ 173.213 Non-bulk packagings for solid hazardous materials in Packing Group III.

(a) When §172.101 of this subchapter specifies that a solid hazardous material be packaged under this section, only non-bulk packagings prescribed in this section may be used for its transportation. Each package must conform to the general packaging requirements of subpart B of part 173, to the requirements of part 178 of this subchapter at the Packing Group I, II or III performance level, and to the requirements of the special provisions of column 7 of the §172.101 table.

(b) The following combination packagings are authorized:

Outer packagings:
- Steel drum: 1A1 or 1A2
- Aluminum drum: 1B1 or 1B2
- Metal drum other than steel or aluminum: 1N1 or 1N2
- Plywood drum: 1D
- Plastic drum: 1H1 or 1H2
- Wooden barrel: 2C2
- Steel jerrican: 3A1 or 3A2
- Plastic jerrican: 3H1 or 3H2
- Aluminum jerrican: 3B1 or 3B2
- Steel box: 4A
- Aluminum box: 4B
- Natural wood box: 4C1 or 4C2
- Plywood box: 4D
- Reconstituted wood box: 4F
- Fiberboard box: 4G
- Solid plastic box: 4H2

Inner packagings:
- Glass or earthenware receptacles
- Plastic receptacles
- Metal receptacles
- Glass ampoules

(c) Except for transportation by passenger aircraft, the following single packagings are authorized:

- Steel drum: 1A1 or 1A2
- Aluminum drum: 1B1 or 1B2
- Plastic drum: 1H1 or 1H2
- Metal drum other than steel or aluminum: 1N1 or 1N2
- Plywood barrel: 2C1 or 2C2
- Steel jerrican: 3A1 or 3A2
- Plastic jerrican: 3H1 or 3H2
- Steel box with liner: 4A
- Aluminum box: 4B
- Aluminum box with liner: 4B
- Natural wood box: 4C1
- Natural wood box, silt proof: 4C2
- Plywood box: 4D
- Reconstituted wood box: 4F
- Fiberboard box: 4G
- Expanded plastic box: 4H1
- Solid plastic box: 4H2
- Bag, woven plastic: 5H1, 5H2 or 5H3
- Bag, plastic film: 5H4
- Bag, textile: 5L1, 5L2 or 5L3
- Bag, paper, multiwall, water resistant: 5M2
- Plastic receptacle in steel, aluminum, plywood, fiber or plastic drum: 6HA2, 6HB2, 6HC, 6HD2 or 6HG2
- Glass, porcelain or stoneware in steel, aluminum, plywood or fiber drum: 6PA1, 6PB1, 6PD1 or 6PG1
- Glass, porcelain or stoneware in steel, aluminum, wooden or fiberboard box: 6PA2, 6PB2, 6PC or 6PG2
- Glass, porcelain or stoneware in expanded or solid plastic packaging: 6PH1 or 6PH2
- Cylinders, as prescribed for any compressed gas, except for Specification 8 and 9HT

§ 173.213 Non-bulk packagings for solid hazardous materials in Packing Group III.

(a) When §172.101 of this subchapter specifies that a solid hazardous material be packaged under this section, only non-bulk packagings prescribed in this section may be used for its transportation. Each package must conform to the general packaging requirements of subpart B of part 173, to the requirements of part 178 of this subchapter at the Packing Group I, II or III performance level, and to the requirements of the special provisions of column 7 of the §172.101 table.

(b) The following combination packagings are authorized:

Outer packagings:
- Steel drum: 1A1 or 1A2
- Aluminum drum: 1B1 or 1B2
- Plastic drum: 1H1 or 1H2
- Metal drum other than steel or aluminum: 1N1 or 1N2
- Plywood drum: 1D
- Fiber drum: 1G
- Wooden barrel: 2C2
- Steel jerrican: 3A1 or 3A2
- Plastic jerrican: 3H1 or 3H2
- Aluminum jerrican: 3B1 or 3B2
- Steel box: 4A
- Aluminum box: 4B
- Natural wood box: 4C1 or 4C2
- Plywood box: 4D
- Reconstituted wood box: 4F
- Fiberboard box: 4G
- Solid plastic box: 4H2
- Plastic receptacle in steel, aluminum, wood, plywood or fiberboard box: 6HA2, 6HB2, 6HC, 6HD2 or 6HG2
- Glass, porcelain or stoneware in steel, aluminum, plywood or fiber drum: 6PA1, 6PB1, 6PD1 or 6PG1
- Glass, porcelain or stoneware in steel, aluminum, wooden or fiberboard box: 6PA2, 6PB2, 6PC or 6PG2
- Glass, porcelain or stoneware in expanded or solid plastic packaging: 6PH1 or 6PH2
- Cylinders, as prescribed for any compressed gas, except for Specification 8 and 9HT