

unless it conforms to the requirements in § 177.834(o) of this subchapter.

(d) *Use of IMDG Code in port areas.* (1) Except for Division 1.1, 1.2, and Class 7 materials, a hazardous material being imported into or exported from the United States or passing through the United States in the course of being shipped between locations outside the United States may be offered and accepted for transportation and transported by motor vehicle within a single port area, including contiguous harbors, when packaged, marked, classed, labeled, stowed and segregated in accordance with the IMDG Code, offered and accepted in accordance with the requirements of subparts C and F of part 172 of this subchapter pertaining to shipping papers and placarding, and otherwise conforms to the applicable requirements of part 176 of this subchapter.

(2) The requirement in § 172.201(d) of this subchapter for an emergency telephone number does not apply to shipments made in accordance with the IMDG Code if the hazardous material is not offloaded from the vessel, or is offloaded between ocean vessels at a U.S. port facility without being transported by public highway.

EFFECTIVE DATE NOTE: At 72 FR 44947, Aug. 9, 2007, § 171.25 was amended by adding (b)(3), effective Jan. 1, 2008. For the convenience of the user, the added text is set forth as follows:

§ 171.25 Additional requirements for the use of the IMDG Code.

* * * * *

(b) * * *

(3) Packages containing primary lithium batteries and cells that are transported in accordance with Special Provision 188 of the IMDG Code must be marked "PRIMARY LITHIUM BATTERIES—FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT" or "LITHIUM METAL BATTERIES—FORBIDDEN FOR TRANSPORT ABOARD PASSENGER AIRCRAFT." This marking is not required on packages that contain 5 kg (11 pounds) net weight or less of primary lithium batteries and cells that are contained in or packed with equipment.

* * * * *

§ 171.26 Additional requirements for the use of the IAEA Regulations.

A Class 7 (radioactive) material being imported into or exported from the United States or passing through the United States in the course of being shipped between places outside the United States may be offered for transportation or transported in accordance with the IAEA Regulations (IBR, see § 171.7) as authorized in paragraph (a) of § 171.22, provided the requirements in § 171.22, as applicable, are met.

PART 172—HAZARDOUS MATERIALS TABLE, SPECIAL PROVISIONS, HAZARDOUS MATERIALS COMMUNICATIONS, EMERGENCY RESPONSE INFORMATION, AND TRAINING REQUIREMENTS

Subpart A—General

- Sec.
- 172.1 Purpose and scope.
- 172.3 Applicability.

Subpart B—Table of Hazardous Materials and Special Provisions

- 172.101 Purpose and use of hazardous materials table.
- 172.102 Special provisions.

Subpart C—Shipping Papers

- 172.200 Applicability.
- 172.201 Preparation and retention of shipping papers.
- 172.202 Description of hazardous material on shipping papers.
- 172.203 Additional description requirements.
- 172.204 Shipper's certification.
- 172.205 Hazardous waste manifest.

Subpart D—Marking

- 172.300 Applicability.
- 172.301 General marking requirements for non-bulk packagings.
- 172.302 General marking requirements for bulk packagings.
- 172.303 Prohibited marking.
- 172.304 Marking requirements.
- 172.306 [Reserved]
- 172.308 Authorized abbreviations.
- 172.310 Class 7 (radioactive) materials.
- 172.312 Liquid hazardous materials in non-bulk packagings.
- 172.313 Poisonous hazardous materials.
- 172.315 Packages containing limited quantities.
- 172.316 Packagings containing materials classed as ORM-D.

- 172.317 KEEP AWAY FROM HEAT handling mark.
- 172.320 Explosive hazardous materials.
- 172.322 Marine pollutants.
- 172.323 Infectious substances.
- 172.324 Hazardous substances in non-bulk packagings.
- 172.325 Elevated temperature materials.
- 172.326 Portable tanks.
- 172.328 Cargo tanks.
- 172.330 Tank cars and multi-unit tank car tanks.
- 172.331 Bulk packagings other than portable tanks, cargo tanks, tank cars and multi-unit tank car tanks.
- 172.332 Identification number markings.
- 172.334 Identification numbers; prohibited display.
- 172.336 Identification numbers; special provisions.
- 172.338 Replacement of identification numbers.

Subpart E—Labeling

- 172.400 General labeling requirements.
- 172.400a Exceptions from labeling.
- 172.401 Prohibited labeling.
- 172.402 Additional labeling requirements.
- 172.403 Class 7 (radioactive) material.
- 172.404 Labels for mixed and consolidated packaging.
- 172.405 Authorized label modifications.
- 172.406 Placement of labels.
- 172.407 Label specifications.
- 172.411 EXPLOSIVE 1.1, 1.2, 1.3, 1.4, 1.5 and 1.6 labels, and EXPLOSIVE Subsidiary label.
- 172.415 NON-FLAMMABLE GAS label.
- 172.416 POISON GAS label.
- 172.417 FLAMMABLE GAS label.
- 172.419 FLAMMABLE LIQUID label.
- 172.420 FLAMMABLE SOLID label.
- 172.422 SPONTANEOUSLY COMBUSTIBLE label.
- 172.423 DANGEROUS WHEN WET label.
- 172.426 OXIDIZER label.
- 172.427 ORGANIC PEROXIDE label.
- 172.429 POISON INHALATION HAZARD label.
- 172.430 POISON label.
- 172.431 [Reserved]
- 172.432 INFECTIOUS SUBSTANCE label.
- 172.436 RADIOACTIVE WHITE-I label.
- 172.438 RADIOACTIVE YELLOW-II label.
- 172.440 RADIOACTIVE YELLOW-III label.
- 172.441 FISSILE label.
- 172.442 CORROSIVE label.
- 172.444 [Reserved]
- 172.446 CLASS 9 label.
- 172.448 CARGO AIRCRAFT ONLY label.
- 172.450 EMPTY label.

Subpart F—Placarding

- 172.500 Applicability of placarding requirements.

- 172.502 Prohibited and permissive placarding.
- 172.503 Identification number display on placards.
- 172.504 General placarding requirements.
- 172.505 Placarding for subsidiary hazards.
- 172.506 Providing and affixing placards: Highway.
- 172.507 Special placarding provisions: Highway.
- 172.508 Placarding and affixing placarding: Rail.
- 172.510 Special placarding provisions: Rail.
- 172.512 Freight containers and aircraft unit load devices.
- 172.514 Bulk packagings.
- 172.516 Visibility and display of placards.
- 172.519 General specifications for placards.
- 172.521 DANGEROUS placard.
- 172.522 EXPLOSIVES 1.1, EXPLOSIVES 1.2 and EXPLOSIVES 1.3 placards.
- 172.523 EXPLOSIVES 1.4 placard.
- 172.524 EXPLOSIVES 1.5 placard.
- 172.525 EXPLOSIVES 1.6 placard.
- 172.526 [Reserved]
- 172.527 Background requirements for certain placards.
- 172.528 NON-FLAMMABLE GAS placard.
- 172.530 OXYGEN placard.
- 172.532 FLAMMABLE GAS placard.
- 172.536 [Reserved]
- 172.540 POISON GAS placard.
- 172.542 FLAMMABLE placard.
- 172.544 COMBUSTIBLE placard.
- 172.546 FLAMMABLE SOLID placard.
- 172.547 SPONTANEOUSLY COMBUSTIBLE placard.
- 172.548 DANGEROUS WHEN WET placard.
- 172.550 OXIDIZER placard.
- 172.552 ORGANIC PEROXIDE placard.
- 172.553 [Reserved]
- 172.554 POISON placard.
- 172.555 POISON INHALATION HAZARD placard.
- 172.556 RADIOACTIVE placard.
- 172.558 CORROSIVE placard.
- 172.560 CLASS 9 placard.

Subpart G—Emergency Response Information

- 172.600 Applicability and general requirements.
- 172.602 Emergency response information.
- 172.604 Emergency response telephone number.
- 172.606 Carrier information contact.

Subpart H—Training

- 172.700 Purpose and scope.
- 172.701 Federal-State relationship.
- 172.702 Applicability and responsibility for training and testing.
- 172.704 Training requirements.

Subpart I—Security Plans

- 172.800 Purpose and applicability.
 172.802 Components of a security plan.
 172.804 Relationship to other Federal requirements.

APPENDIX A TO PART 172—OFFICE OF HAZARDOUS MATERIALS TRANSPORTATION COLOR TOLERANCE CHARTS AND TABLES

APPENDIX B TO PART 172—TREFOIL SYMBOL

APPENDIX C TO PART 172—DIMENSIONAL SPECIFICATIONS FOR RECOMMENDED PLACARD HOLDER

AUTHORITY: 49 U.S.C. 5101-5127, 44701; 49 CFR 1.53.

SOURCE: Amdt. 172-29, 41 FR 15996, Apr. 15, 1976, unless otherwise noted.

Subpart A—General**§ 172.1 Purpose and scope.**

This part lists and classifies those materials which the Department has designated as hazardous materials for purposes of transportation and prescribes the requirements for shipping papers, package marking, labeling, and transport vehicle placarding applicable to the shipment and transportation of those hazardous materials.

[Amdt. 172-29, 41 FR 15997, Apr. 15, 1976, as amended by 66 FR 45379, Aug. 28, 2001]

§ 172.3 Applicability.

(a) This part applies to—

- (1) Each person who offers a hazardous material for transportation, and
- (2) Each carrier by air, highway, rail, or water who transports a hazardous material.

(b) When a person, other than one of those provided for in paragraph (a) of this section, performs a packaging labeling or marking function required by this part, that person shall perform the function in accordance with this part.

[Amdt. 172-29, 41 FR 15996, Apr. 15, 1976, as amended by Amdt. 172-32, 41 FR 38179, Sept. 9, 1976]

Subpart B—Table of Hazardous Materials and Special Provisions**§ 172.101 Purpose and use of hazardous materials table.**

(a) The Hazardous Materials Table (Table) in this section designates the materials listed therein as hazardous materials for the purpose of transportation of those materials.

For each listed material, the Table identifies the hazard class or specifies that the material is forbidden in transportation, and gives the proper shipping name or directs the user to the preferred proper shipping name. In addition, the Table specifies or references requirements in this subchapter pertaining to labeling, packaging, quantity limits aboard aircraft and stowage of hazardous materials aboard vessels.

(b) *Column 1: Symbols.* Column 1 of the Table contains six symbols (“+”, “A”, “D”, “G”, “I” and “W”) as follows:

(1) The plus (+) sign fixes the proper shipping name, hazard class and packing group for that entry without regard to whether the material meets the definition of that class, packing group or any other hazard class definition. When the plus sign is assigned to a proper shipping name in Column (1) of the § 172.101 Table, it means that the material is known to pose a risk to humans. When a plus sign is assigned to mixtures or solutions containing a material where the hazard to humans is significantly different from that of the pure material or where no hazard to humans is posed, the material may be described using an alternative shipping name that represents the hazards posed by the material. An appropriate alternate proper shipping name and hazard class may be authorized by the Associate Administrator.

(2) The letter “A” denotes a material that is subject to the requirements of this subchapter only when offered or intended for transportation by aircraft, unless the material is a hazardous substance or a hazardous waste. A shipping description entry preceded by an “A” may be used to describe a material for other modes of transportation provided all applicable requirements for the entry are met.

(3) The letter “D” identifies proper shipping names which are appropriate for describing materials for domestic transportation but may be inappropriate for international transportation under the provisions of international regulations (e.g., IMO, ICAO). An alternate proper shipping name may be selected when either domestic or international transportation is involved.