

§ 173.402 Labeling hazardous materials.

(a) Except as otherwise provided in this part, no person may offer for transportation a package containing a hazardous material unless that package is conspicuously labeled in accordance with the following:

(1) For an explosive, an "Explosive A," "Explosive B," or "Explosive C" label as appropriate. For the label description, see § 173.405.

(2) For a nonflammable compressed gas, a "Nonflammable gas" label as described in § 173.406.

(3) For a flammable compressed gas, a "Flammable gas" label as described in § 173.407.

(4) For a flammable liquid, a "Flammable liquid" label as described in § 173.409.

(5) For a flammable solid, a "Flammable solid" label as described in § 173.410.

(6) For an oxidizing material that is not an organic peroxide, an "Oxidizer" label as described in § 173.413(a).

(7) For an organic peroxide that is classed as an oxidizing material, an "Organic peroxide" label as described in § 173.413(b).

(8) For any poisonous material except an irritating material, a "Poison gas" or "Poison" label as appropriate. For the label description see § 173.414.

(9) For a poisonous material that is an irritating material, an "Irritant" label as described in § 173.415.

(10) For a radioactive material, "Radioactive—White I," "Radioactive Yellow—II," or "Radioactive Yellow—III" labels, as appropriate. Each package must be labeled with two such labels, affixed to opposite sides of the package. For the label description see § 173.416.

(11) For a corrosive material, a "Corrosive" label as described in § 173.417.

(12) As prescribed for use under § 173.29 of this subchapter, an "Empty" label as described in § 173.420.

(13) For a metal barrel or drum containing a flammable liquid having a vapor pressure exceeding 16 p.s.i.a., a "Bung" label as described in § 173.119(h) (1) (i).

(b) If the material in a package has more than one classification, one of which is Class A explosives, Class A poison, or Radioactive materials, the package must be labeled for each hazard.

(c) Labels are not required on packages containing hazardous materials when the packages are—

(1) Loaded and unloaded under the supervision of Department of Defense personnel, and

(2) Under escort by Department of Defense personnel in a separate vehicle.

(d) Labels are not required on cylinders containing compressed gases classed as flammable or nonflammable when the cylinders—

(1) Are carried by private and contract motor carriers,

(2) Are not overpacked, and

(3) Are durably and legibly marked in accordance with CGA Pamphlet C-7,¹ Appendix A, dated May 15, 1971 entitled "A Guide for the Preparation of Precautionary Markings for Compressed Gas Containers."

[29 FR 18767, Dec. 29, 1964. Redesignated, 32 FR 5606, Apr. 5, 1967 and amended by Amdt. 173-3, 33 FR 14930, Oct. 4, 1968; Amdt. 173-41A, 36 FR 9069, May 19, 1971; Amdt. 173-70, 38 FR 5310, Feb. 27, 1973; 38 FR 6180, Mar. 7, 1973]

§ 173.403 Labels for mixed packing.

(a) When hazardous materials having different classifications are packed within the same packaging or the same outer enclosures as described in § 173.25, the outside of the package must be labeled as required for each material involved.

[29 FR 18767, Dec. 29, 1964. Redesignated at 32 FR 5606, Apr. 5, 1967 and amended by Amdt. 173-70, 38 FR 5310, Feb. 27, 1973]

§ 173.404 Labels.

(a) Shippers must furnish and attach the labels prescribed for their packages. Labels should be applied to that part of

¹ Copies of CGA Pamphlet C-7, Appendix A, may be obtained from the Compressed Gas Association, Inc., 500 Fifth Avenue, New York, NY 10036, and the National LP-Gas Association, 79 West Monroe Street, Chicago, IL 60603.

the package bearing consignee's name and address.

(b) Labels must not be applied to a package containing only material which is not subject to Parts 170-189 of this subchapter or which is exempted therefrom. However, this paragraph does not prohibit the use of labels required for purposes of import or export shipments or required by 14 CFR 103.13 of the Federal Aviation Regulations on packages destined for transportation by air.

(c) Shippers must not use labels which by their size, shape, and color, may readily be confused with the standard caution labels prescribed in this part.

(d) Except as otherwise provided in this part, each label must be diamond shape with each side at least 4 inches long and have a solid line border at least 3.5 inches long on each side. The specifications for colors in Appendix A to this part should be followed for the colors prescribed in §§ 173.405 through 173.422.

(e) Form identification information (including name of supplier) may be printed on a label, in type not larger than 10 point, if it is placed outside of the solid line border of the label.

(f) For import shipments only, labels affixed to packages in another country having the same size, symbols, and color as prescribed in these regulations are authorized in place of the labels prescribed herein. They may contain inscriptions required by the country of origin.

(g) A label may be over stamped or overprinted with the appropriate hazard class numeral as listed in § 172.4 of this subchapter. The number should be black, at least 0.25 inch in height, and must be located in the bottom corner of the label.

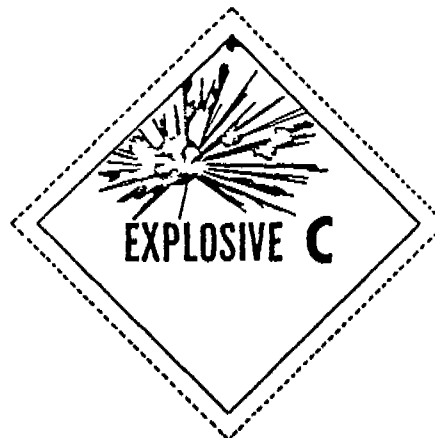
NOTE: The display of the class number on labels is required by some foreign governments.

(h) Labels required by the regulations immediately prior to January 1, 1974, may be used until January 1, 1975. This provision does not apply to the required use of labels for explosives.

[29 F.R. 18767, Dec. 29, 1964, as amended by Amdt. 173-70, 38 FR 5310, Feb. 27, 1973]

§ 173.405 Explosives labels.

(a) Each "Explosive A," "Explosive B," and "Explosive C" label except for size and color, must be as shown:



(1) In addition to the requirements specified in § 173.404, each label must be orange, with the inscription, border, and symbol black.

[Amdt. 173-70, 38 FR 5310, Feb. 27, 1973]

§ 173.406 Nonflammable gas label.

(a) Each "Nonflammable gas" label except for size and color must be as shown:



(1) In addition to the requirements of § 173.404, each label must be green, with the inscription, border, and symbol black.

[Amdt. 173-70, 38 FR 5311, Feb. 27, 1973]

§ 173.407 Flammable gas label.

(a) Each "Flammable gas" label except for size and color must be as shown:



(1) In addition to the requirements of § 173.404, each label must be red, with the inscription, border, and symbol black.

[Amdt. 173-70, 38 FR 5311, Feb. 27, 1973]

§ 173.408 [Reserved]

§ 173.409 Flammable liquid label.

(a) Each "Flammable liquid" label except for size and color must be as shown:



(1) In addition to the requirements of § 173.404, each label must be red, with the inscription, border, and symbol black.

[Amdt. 173-10, 38 FR 5311, Feb. 27, 1973]

§ 173.410 Flammable solid label.

(a) Each "Flammable solid" label except for size and color must be as shown:

