

ADR CLASSIFICATION

CLASS 1 HAZARD

Explosive substances or articles



(No. 1)

Divisions 1.1, 1.2 and 1.3

Symbol (exploding bomb): black; Background: orange; Figure '1' in bottom corner



(No. 1.4)

Division 1.4



(No. 1.5)

Division 1.5



(No. 1.6)

Division 1.6

Background: orange; Figures: black; Numerals shall be about 30 mm in height and be about 5 mm thick (for a label measuring 100 mm x 100 mm); Figure '1' in bottom corner

** Place for division - to be left blank if explosive is the subsidiary risk

* Place for compatibility group - to be left blank if explosive is the subsidiary risk

CLASS 2 HAZARD

Gases



(No. 2.1)

Flammable gases

Symbol (flame): black or white; (except as provided for in 5.2.2.2.1.6 (d)) Background: red; Figure '2' in bottom corner



(No. 2.2)

Non flammable, non-toxic gases

Symbol (gas cylinder): black or white; Background: green; Figure '2' in bottom corner



CLASS 3 HAZARD

Flammable liquids



(No. 2.3)

Toxic gases

Symbol (skull and crossbones): black; Background: white; Figure '2' in bottom corner



(No. 3)

Symbol (flame): black or white; Background: red; Figure '3' in bottom corner

CLASS 4.1 HAZARD Flammable solids, self-reactive substances and desensitized explosives



(No. 4.1) Symbol (flame): black; Background: white with seven vertical red stripes; Figure '4' in bottom corner

CLASS 4.2 HAZARD Substances liable to spontaneous combustion



(No. 4.2) Symbol (flame): black; Background: upper half white, lower half red; Figure '4' in bottom corner

CLASS 4.3 HAZARD Substances which, in contact with water, emit flammable gases



(No. 4.3) Symbol (flame): black or white; Background: blue; Figure '4' in bottom corner



CLASS 5.1 HAZARD Oxidizing substances



(No. 5.1) Symbol (flame over circle): black; Background: yellow; Figure '5.1' in bottom corner

CLASS 5.2 HAZARD Organic peroxides



(No. 5.2) Symbol (flame): black or white; Background: upper half red; lower half yellow; Figure '5.2' in bottom corner



CLASS 6.1 HAZARD Toxic substances



(No. 6.1) Symbol (skull and crossbones): black; Background: white; Figure '6' in bottom corner

CLASS 6.2 HAZARD Infectious substances



(No. 6.2) The lower half of the label may bear the inscriptions: 'INFECTIOUS SUBSTANCE' and 'In the case of damage or leakage immediately notify Public Health Authority'; Symbol (three crescents superimposed on a circle) and inscriptions: black; Background: white; Figure '6' in bottom corner

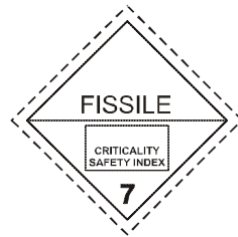
CLASS 7 HAZARD
Radioactive material



(No. 7A)
 Category I - White
 Symbol (trefoil): black;
 Background: white;
 Text (mandatory): black in lower half of label:
 'RADIOACTIVE'
 'CONTENTS'
 'ACTIVITY'
 One red bar shall follow the word 'RADIOACTIVE';
 Figure '7' in bottom corner.



(No. 7B)
 Category II - Yellow
 Symbol (trefoil): black;
 Background: upper half yellow with white border, lower half white;
 Text (mandatory): black in lower half of label:
 'RADIOACTIVE'
 'CONTENTS'
 'ACTIVITY'
 In a black outlined box: 'TRANSPORT INDEX';
 Two red vertical bars shall follow the word 'RADIOACTIVE';
 Three red vertical bars shall follow the word 'RADIOACTIVE';
 Figure '7' in bottom corner.



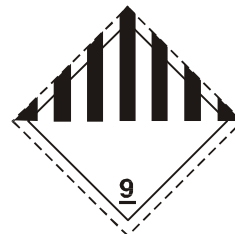
(No. 7E)
 Class 7 fissile material
 Background: white;
 Text (mandatory): black in upper half of label: 'FISSILE';
 In a black outlined box in the lower half of the label:
 'CRITICALITY SAFETY INDEX'
 Figure '7' in bottom corner.

CLASS 8 HAZARD
Corrosive substances



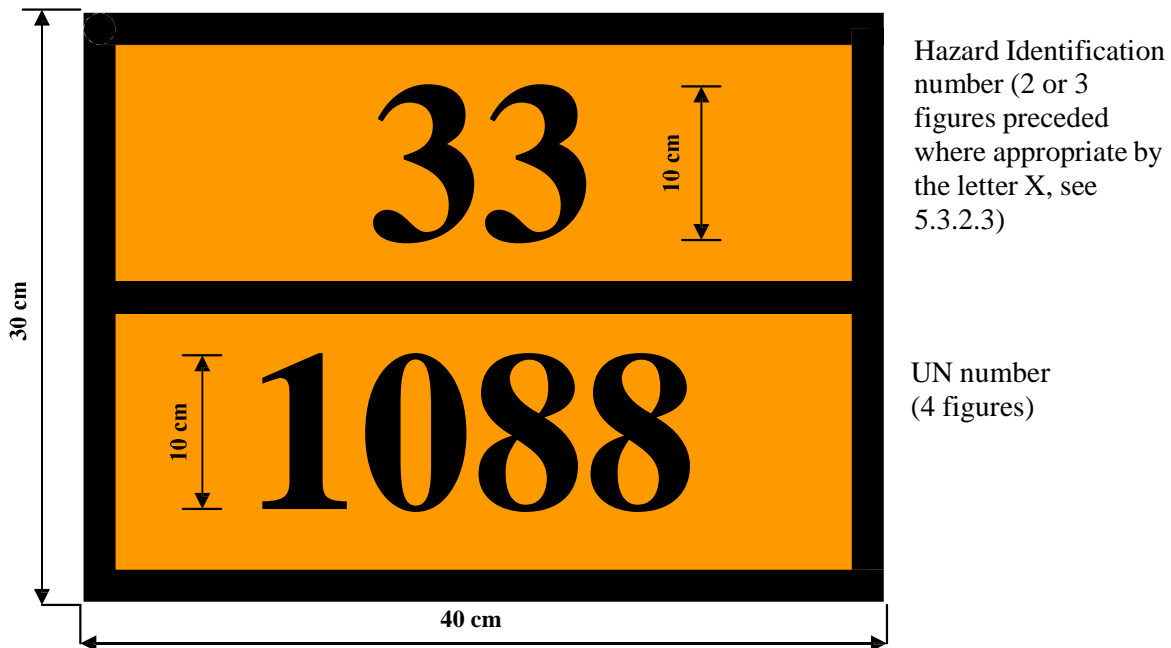
(No. 8)
 Symbol (liquids, spilling from two glass vessels and attacking a hand and a metal): black;
 Background: upper half white;
 lower half black with white border;
 Figure '8' in bottom corner

CLASS 9 HAZARD
Miscellaneous dangerous substances and articles



(No. 9)
 Symbol (seven vertical stripes in upper half): black;
 Background: white;
 Figure '9' underlined in corner

5.3.2.2.3 *Example of orange-coloured plate with hazard identification number and UN number*



Background orange.
Border, horizontal line and figures black, 15 mm thickness.

5.3.2.2.4 The permitted tolerances for dimensions specified in this sub-section are $\pm 10\%$.

5.3.2.2.5 When the orange-coloured plate is affixed to folding panels, they shall be designed and secured so that they cannot unfold or come loose from the holder during carriage (especially as a result of impacts or unintentional actions).

5.3.2.3 *Meaning of hazard identification numbers*

5.3.2.3.1 The hazard identification number consists of two or three figures. In general, the figures indicate the following hazards:

- 2 Emission of gas due to pressure or to chemical reaction
- 3 Flammability of liquids (vapours) and gases or self-heating liquid
- 4 Flammability of solids or self-heating solid
- 5 Oxidizing (fire-intensifying) effect
- 6 Toxicity or risk of infection
- 7 Radioactivity
- 8 Corrosivity
- 9 Risk of spontaneous violent reaction

NOTE: *The risk of spontaneous violent reaction within the meaning of figure 9 include the possibility following from the nature of a substance of a risk of explosion, disintegration and polymerization reaction following the release of considerable heat or flammable and/or toxic gases.*

Doubling of a figure indicates an intensification of that particular hazard.

Where the hazard associated with a substance can be adequately indicated by a single figure, this is followed by zero.