IMDG CODE COMPLIANCE CENTRE · SAFETY AT SEA

Specification of Marks, Labels and Placards

Specification for label and artwork preparation, including CTU placards and warning marks · IMDG Code Amendment 42-24, 2024 Edition · Revised 28 October 2026

Scope. This specification brings together the principal dimensional, placement and durability requirements for package marks and labels, IBCs and large packagings, cargo transport unit placards and marks, and the CTU warning marks in Chapter 5.5. It is the working specification for preparing labels, marks, placards and related artwork.

Paragraph references. The paragraph number beside each requirement is the quickest route to the applicable specimen and the full wording in the IMDG Code.

Regulatory basis. IMDG Code, Amendment 42-24 (2024 Edition): Chapters 3.4, 3.5, 5.1, 5.2 and 5.3, with the warning-mark provisions in 5.5.2 and 5.5.3.

This document is based on the IMDG Code. We have done our best to avoid mistakes. If you notice any errors or inconsistencies, please let us know; the official IMDG Code takes precedence.

1. Quick dimensional reference

Item	Minimum size	Line / character requirement	Ref.
UN number on package, “UN” + 4 digits	—	≥ 12 mm character height	5.2.1.1
UN number: package ≤ 30 L or ≤ 30 kg max net mass	—	≥ 6 mm character height	5.2.1.1
UN number: cylinder ≤ 60 L water capacity	—	≥ 6 mm character height	5.2.1.1
UN number: package ≤ 5 L or ≤ 5 kg max net mass	—	Appropriate size	5.2.1.1
Hazard label	≥ 100 × 100 mm	Inner line approx. 5 mm in from label edge	5.2.2.2.1.1.2
Marine pollutant mark, package	≥ 100 × 100 mm	Diamond line ≥ 2 mm	5.2.1.6.3
Lithium / sodium ion battery mark	≥ 100 × 100 mm	Red hatching ≥ 5 mm wide	5.2.1.10.2
Battery mark, reduced	≥ 100 × 70 mm	Features in approximate proportion	5.2.1.10.2
Limited quantity mark, package	≥ 100 × 100 mm	Diamond line ≥ 2 mm	3.4.5.1
Limited quantity mark, reduced	≥ 50 × 50 mm	Diamond line ≥ 1 mm	3.4.5.1
Air-compatible limited quantity ‘Y’ mark	≥ 100 × 100 mm	Diamond line ≥ 2 mm; ‘Y’ clearly visible	3.4.5.2
‘Y’ mark, reduced	≥ 50 × 50 mm	Diamond line ≥ 1 mm	3.4.5.2
Excepted quantity mark	≥ 100 × 100 mm	Square; hatching and symbol both black or both red	3.5.4.2
OVERPACK	—	Letters ≥ 12 mm high	5.1.2.1 / 3.4.5.4 / 3.5.4.3
SALVAGE	—	Letters ≥ 12 mm high	5.2.1.3

Item	Minimum size	Line / character requirement	Ref.
Class 1 divisions 1.4 / 1.5 / 1.6, numerals on a 100 mm label	—	About 30 mm high; about 5 mm thick	5.2.2.2.2
Placard, except class 7	≥ 250 × 250 mm	Inner line 12.5 mm from edge; class/division digits ≥ 25 mm	5.3.1.2.1
Class 7 placard, model 7D	≥ 250 × 250 mm	Black line 5 mm inside edge; figure ‘7’ ≥ 25 mm	5.3.1.2.2
Proper shipping name on specified CTUs	—	Characters ≥ 65 mm; portable tank container ≤ 3,000 L: may be reduced to 12 mm	5.3.2.0.2
UN number on CTU	—	Black digits ≥ 65 mm	5.3.2.1.2
Orange panel for UN number	≥ 300 × 120 mm	10 mm black border	5.3.2.1.2
UN number on portable tank ≤ 3,000 L	Appropriately reduced orange panel	Digits ≥ 25 mm	5.3.2.1.2
Elevated-temperature mark	Equilateral triangle, side ≥ 250 mm	Portable tank ≤ 3,000 L: side may be reduced to 100 mm	5.3.2.2.1
Maximum transport temperature, portable tank	—	Characters ≥ 100 mm	5.3.2.2.2
Marine pollutant mark, CTU / bulk container	≥ 250 × 250 mm	Portable tank ≤ 3,000 L: may be reduced to 100 × 100 mm	5.3.2.3.2
Limited quantity mark, CTU	≥ 250 × 250 mm	At the locations in 5.3.1.1.4.1	3.4.5.5.4
Fumigation warning mark	≥ 400 × 300 mm	Outer line ≥ 2 mm; lettering ≥ 25 mm	5.5.2.3.2
Asphyxiation warning mark, CTU	≥ 150 × 250 mm (wide × high)	WARNING ≥ 25 mm; gas/coolant name ≥ 25 mm unless too long to fit	5.5.3.6.2

Hazard-label inset. The 5 mm dimension on the standard package hazard-label layout is the approximate distance from the outside of the inner line to the label edge; it is not a 5 mm line thickness. The package marine pollutant mark, by contrast, requires a minimum 2 mm width of the line forming the diamond.

2. Package marks and labels

Mark / label	Application / placement	Dimensional requirement	Ref.
Proper shipping name and UN number	Each package is marked with the proper shipping name and the UN number preceded by “UN”, subject to the exceptions and special cases in 5.2.1. For unpackaged articles the mark is on the article, its cradle or its handling, storage or launching device. For division 1.4, compatibility group S, the division and compatibility group letter are also marked unless the 1.4S label is displayed.	UN + four digits ≥ 12 mm on normal packages; ≥ 6 mm on packages ≤ 30 L or ≤ 30 kg max net mass and cylinders ≤ 60 L water capacity; appropriate size for packages ≤ 5 L or ≤ 5 kg.	5.2.1.1

Mark / label	Application / placement	Dimensional requirement	Ref.
Marine pollutant mark	Except as provided in 2.10.2.7, packages containing marine pollutants meeting the criteria of 2.9.3 are durably marked. The mark is located adjacent to the marks required by 5.2.1.1.	≥ 100 × 100 mm; square set at 45°; black symbol (fish and tree) on white or suitable contrasting background; diamond line ≥ 2 mm. If package size requires, dimensions and line thickness may be reduced, provided the mark remains clearly visible.	5.2.1.6.1 to 5.2.1.6.3
Orientation arrows	Required on combination packagings with inner packagings containing liquid dangerous goods; single packagings fitted with vents; cryogenic receptacles for refrigerated liquefied gases; and machinery or apparatus containing liquid dangerous goods where the liquid must stay in its intended orientation (SP 301). Exceptions are in 5.2.1.7.2. Two arrows on two opposite vertical sides, pointing in the correct upright direction. No other arrows on a package marked this way.	No fixed minimum size. Rectangular, clearly visible and commensurate with the size of the package; a rectangular border around the arrows is optional. Follow the illustration in 5.2.1.7.1 or ISO 780:1997.	5.2.1.7.1 to 5.2.1.7.3
Lithium / sodium ion battery mark	Packages prepared in accordance with special provision 188. The mark shows the UN number preceded by “UN” (UN 3090, 3480 or 3551 for cells and batteries; UN 3091, 3481 or 3552 where contained in or packed with equipment). If a package holds more than one UN number, all are shown on one or more marks.	≥ 100 × 100 mm; symbol black on white or suitable contrasting background; hatching red, ≥ 5 mm wide. If package size requires, may be reduced to ≥ 100 × 70 mm.	5.2.1.10.1, 5.2.1.10.2
Limited quantity mark	Packages containing dangerous goods in limited quantities, except for air transport. A package bearing the ‘Y’ mark under 3.4.5.2 is deemed to meet 3.4.2 and need not also bear this mark (3.4.5.3.1).	≥ 100 × 100 mm; top and bottom portions and line black, centre white or contrasting; diamond line ≥ 2 mm. May be reduced to ≥ 50 × 50 mm with line ≥ 1 mm where package size requires.	5.2.1.9.1, 3.4.5.1
Air-compatible limited quantity ‘Y’ mark	Packages prepared under part 3, chapter 4 of the ICAO Technical Instructions may bear this mark.	≥ 100 × 100 mm; diamond line ≥ 2 mm; ‘Y’ in the centre, clearly visible. May be reduced to ≥ 50 × 50 mm with line ≥ 1 mm where package size requires.	3.4.5.2, 3.4.5.3
Excepted quantity mark	Packages prepared in accordance with Chapter 3.5. The class, or the division number where assigned, is entered in the mark; the consignor or consignee name is included if not shown elsewhere on the package.	≥ 100 × 100 mm; square; hatching and symbol the same colour, black or red, on white or suitable contrasting background.	5.2.1.8.1, 3.5.4.1, 3.5.4.2

Mark / label	Application / placement	Dimensional requirement	Ref.
OVERPACK	Overpacks and unit loads carry the proper shipping name, UN number, marks and labels for each item inside unless representative marks and labels of all the dangerous goods are visible. An overpack also carries “OVERPACK” unless those are visible. For LQ and EQ overpacks see 3.4.5.4 and 3.5.4.3.	Letters ≥ 12 mm high.	5.1.2.1; 3.4.5.4; 3.5.4.3
SALVAGE	Salvage packagings, large salvage packagings and salvage pressure receptacles.	Letters ≥ 12 mm high.	5.2.1.3
Radioactive material, consignor / consignee	Each package is legibly and durably marked on the outside with an identification of the consignor or consignee, or both. Each overpack likewise unless the marks of all packages inside are clearly visible.	—	5.2.1.5.1
Radioactive material, permissible gross mass	Each package of gross mass exceeding 50 kg has its permissible gross mass legibly and durably marked on the outside.	—	5.2.1.5.3
Radioactive material, package design type	“TYPE IP-1”, “TYPE IP-2” or “TYPE IP-3” for the industrial package types; “TYPE A” for Type A packages. Type IP-2, IP-3 and Type A packages also carry the VRI code of the country of origin of the design and either the manufacturer’s name or other packaging identification specified by the competent authority.	—	5.2.1.5.4.1 to .3
Radioactive material, competent authority design mark	Packages with a design approved under 5.1.5.2.1, 6.4.22.1 to .4, 6.4.23.4 to .7 or 6.4.24.2 carry the competent authority identification mark, a unique serial number, and “Type B(U)”, “Type B(M)” or “Type C” as applicable.	—	5.2.1.5.5.1 to .3
Trefoil, Type B(U) / B(M) / C	The outermost receptacle resistant to fire and water is plainly marked by embossing, stamping or other equally resistant means with the basic trefoil symbol.	Minimum radius X: 4 mm.	5.2.1.5.6
Articles UN 3537 to 3548	Labels under 5.2.2.1.2 for the hazards established under 2.0.6, plus either the lithium / sodium ion battery mark or label model No. 9A depending on battery content. Where articles containing liquid dangerous goods must stay in orientation, orientation marks meeting 5.2.1.7.1 on at least two opposite vertical sides where possible.	Lithium metal ≤ 2 g or lithium / sodium ion ≤ 100 Wh: battery mark (5.2.1.10.2). Above those values: label model No. 9A (5.2.2.2.2).	5.2.2.1.13.1, .2
Battery mark, previous version	The lithium battery mark shown in IMDG Code Amendment 40-20, with the telephone number for additional information, may continue to be applied.	Valid until 31 December 2026.	Note under 5.2.1.10.2

3. Package placement and durability checks

Check	Requirement	Ref.
Package marks	Readily visible and legible; identifiable after at least three months' immersion in the sea; on a background of contrasting colour on the external surface; not located with other marks that could substantially reduce their effectiveness.	5.2.1.2
Marine pollutant mark	Adjacent to the proper shipping name / UN-number marks required by 5.2.1.1.	5.2.1.6.2
Hazard labels	Same surface as, and near, the proper shipping name where package dimensions permit; not covered or obscured by any part of the packaging or by another label or mark; primary and subsidiary hazard labels next to each other. If a label cannot be affixed to an irregular or very small package, it may be attached by a securely affixed tag or other suitable means.	5.2.2.1.6
IBCs > 450 L and large packagings	Package marks on two opposing sides; labels on two opposing sides.	5.2.1.4; 5.2.2.1.7
Label durability	Method of affixing or stencilling leaves the label identifiable on packages surviving at least three months' immersion in the sea.	5.2.2.2.1.7
Class 7 labels	Affixed to two opposite sides on the outside of the package or overpack, or to all four sides of a freight container or tank. Label model No. 7E (fissile material) goes adjacent to the applicable 7A, 7B or 7C label.	5.2.2.1.12.1
Label background	Labels are affixed on a surface of contrasting colour.	5.2.2.1.8
Cylinder labels	Class 2 cylinders may bear labels reduced in size per ISO 7225:2005 on the non-cylindrical (shoulder) part. Labels may overlap as far as that standard permits, provided the primary-hazard label and all numbers stay fully visible and the symbols recognizable. Where the diameter is too small, reduced labels may be displayed on the cylindrical part.	5.2.2.2.1.2
Orientation arrows, overpacks and unit loads	A package bearing orientation arrows that is overpacked, placed in a unit load or used as an inner packaging in a large packaging is oriented in accordance with those marks.	5.1.2.3

Artwork control. Use the stated millimetre dimensions as finished physical dimensions. Do not infer an unspecified font, stroke thickness or character width. Do not apply the Class 1 "about 30 mm high / about 5 mm thick" numeral rule to the class number on other hazard labels. Class-specific colours, symbols and additional entries follow the applicable specimen in 5.2.2.2.2.

4. Placarding of cargo transport units and bulk containers

General. Placards give warning that the contents of the unit are dangerous goods and present hazards. They correspond to the primary hazard and are displayed on a background of contrasting colour or have a dotted or solid outer boundary line. The method of placarding remains identifiable after at least three months' immersion in the sea. All placards, orange panels, marks and signs are removed or masked as soon as the dangerous goods or residues that led to them are discharged (5.3.1.1.1 and 5.3.1.1.2).

Placarding exceptions

Check	Requirement	Ref.
Division 1.4, compatibility group S	Placards are not required on cargo transport units carrying any quantity of these explosives.	5.3.1.1.2.1
Several divisions of class 1	Only the placard for the highest hazard need be affixed where the unit carries substances or articles of more than one division of class 1.	5.3.1.1.2.2
Labels visible	Placards are not needed where the labels and marks on the packages are clearly visible from the exterior of the unit or bulk container.	5.3.1.1.1.1

Placard positions (5.3.1.1.4.1)

CTU / bulk container	Placard position	Ref.
Freight container, semi-trailer, closed or sheeted bulk container, portable tank	One on each side and one on each end. Portable tanks of not more than 3,000 L capacity may instead be placarded, or labelled, on two opposite sides only.	5.3.1.1.4.1.1
Railway wagon	At least on each side.	5.3.1.1.4.1.2
Multiple-compartment tank containing more than one dangerous substance or their residues	Along each side at the positions of the relevant compartments. If all compartments require the same placard, it need be displayed only once along each side.	5.3.1.1.4.1.3
Flexible bulk container	In at least two opposing positions.	5.3.1.1.4.1.4
Any other cargo transport unit	At least on both sides and on the back.	5.3.1.1.4.1.5

Placard specifications

Placard	Specification	Ref.
Placard, except class 7	Square set at 45°; ≥ 250 × 250 mm to the edge; inner line parallel to the edge and 12.5 mm from the outside of that line to the edge; class or division digits ≥ 25 mm. The symbol and inner line correspond in colour to the label for the class or division. Placards display a contrasting background or a dotted or solid outer boundary line.	5.3.1.2.1; 5.3.1.1.2
Class 7 placard, model 7D	≥ 250 × 250 mm, subject to the reduction in 5.3.1.1.5.2 for certain vehicles; black line 5 mm inside and parallel to the edge; figure ‘7’ ≥ 25 mm. Upper half yellow, lower half white; trefoil and printing black. The word “RADIOACTIVE” in the lower half is optional so the space can show the UN number.	5.3.1.2.2

Primary and subsidiary hazards. Subsidiary-hazard placards are also displayed where the corresponding subsidiary hazard label is required under 5.2.2.1.2. A subsidiary placard need not be repeated where that hazard is already indicated by a primary-hazard placard for other goods in the unit. For class 9, label model No. 9 is used for placarding; model No. 9A is not used (5.3.1.1.2, 5.3.1.1.3).

4.1 Special provisions for class 7

Check	Requirement	Ref.
Large freight containers and tanks: unpackaged or non-excepted class 7 loads	Large freight containers carrying unpackaged LSA-I, SCO-I or SCO-III material, or packages other than excepted packages, and tanks, bear four model No. 7D placards affixed vertically to each side wall and each end wall. Instead of labels plus placards, enlarged labels only (models 7A, 7B, 7C) may be used, at the minimum size given for model 7D. Placards that do not relate to the contents are removed.	5.3.1.1.5.1
Rail vehicles carrying labelled class 7 consignments or exclusive-use loads	Model No. 7D placard on each of the two external lateral walls.	5.3.1.1.5.2.1
Road vehicles carrying labelled class 7 consignments or exclusive-use loads	Model No. 7D placard on each of the two external lateral walls and on the external rear wall.	5.3.1.1.5.2.2
Vehicles without sides; large tanks or freight containers	Placards may be affixed directly to the cargo-carrying unit if readily visible. Where the tank or freight container itself is placarded, that placard suffices.	5.3.1.1.5.2
Vehicles with insufficient area	Placard dimensions may be reduced to 100 mm. Placards that do not relate to the contents are removed.	5.3.1.1.5.2

5. Marking of cargo transport units and bulk containers

Marking	When / where	Dimensional requirement	Ref.
Proper shipping name	Durably marked on at least both sides of: tank CTUs containing dangerous goods; bulk containers containing dangerous goods; and any other CTU containing packaged dangerous goods of a single commodity for which no placard, UN number or marine pollutant mark is required. In the last case the UN number may be displayed instead.	Characters ≥ 65 mm high, contrasting with the background. Portable tank containers ≤ 3,000 L: may be reduced to 12 mm.	5.3.2.0.1, .2
UN number	Displayed in the five cases listed below, except for goods of class 1.	Black digits ≥ 65 mm, either in the placard (white background area below the symbol and above the class number) or on an orange panel.	5.3.2.1.1, .2
Orange panel	When this method is used, placed immediately adjacent to each placard or marine pollutant mark.	≥ 300 mm wide × 120 mm high; 10 mm black border.	5.3.2.1.2
Portable tank ≤ 3,000 L, UN number	May be shown on an appropriately reduced orange panel on the external surface of the tank.	Characters ≥ 25 mm.	5.3.2.1.2
UN number where no placard or marine pollutant mark is required	Displayed immediately adjacent to the proper shipping name.	Digits as required by 5.3.2.1.2.	5.3.2.1.2

Marking	When / where	Dimensional requirement	Ref.
Elevated-temperature mark	Each side and each end of a CTU carrying a substance in a liquid state at ≥ 100 °C, or in a solid state at ≥ 240 °C.	Red equilateral triangle; sides ≥ 250 mm. Portable tank ≤ 3,000 L: sides may be reduced to 100 mm.	5.3.2.2.1
Maximum transport temperature	Both sides of the portable tank or insulation jacket, immediately adjacent to the elevated-temperature mark.	Characters ≥ 100 mm high.	5.3.2.2.2
Marine pollutant mark	Except as provided in 2.10.2.7, displayed at the locations indicated in 5.3.1.1.4.1.	≥ 250 × 250 mm. Portable tank ≤ 3,000 L: may be reduced to 100 × 100 mm.	5.3.2.3.1, .2
Limited quantities, CTU	CTUs containing dangerous goods packed in limited quantities are placarded and marked according to 3.4.5.5. A CTU holding only LQ goods carries the LQ mark and no placard or 5.3.2.0 / 5.3.2.1 marking. A CTU also holding other dangerous goods follows the rules for those goods, and carries the LQ mark only if they need no placard or mark.	CTU LQ mark ≥ 250 × 250 mm at the locations in 5.3.1.1.4.1.	5.3.2.4; 3.4.5.5.1 to .4

UN-number display: the five cases in 5.3.2.1.1

Case	Consignment
1	Solids, liquids or gases transported in tank cargo transport units, including each compartment of a multi-compartment tank CTU.
2	Packaged dangerous goods loaded in excess of 4,000 kg gross mass, to which only one UN number has been assigned and which are the only dangerous goods in the CTU.
3	Unpackaged LSA-I material, SCO-I or SCO-III material of class 7 in or on a vehicle, or in a freight container, or in a tank.
4	Packaged radioactive material with a single UN number in or on a vehicle, or in a freight container, when required to be transported under exclusive use.
5	Solid dangerous goods in bulk containers.

The UN-number display provisions in 5.3.2.1.1 apply except for goods of class 1.

6. Special CTU warning marks (Chapter 5.5)

6.1 Fumigation warning mark

Check	Requirement	Ref.
Placement	At each access point, where it will be easily seen by persons opening or entering the fumigated CTU.	5.5.2.3.1
Size and appearance	Rectangle ≥ 400 mm wide × 300 mm high; outer line ≥ 2 mm; black print on white background; lettering ≥ 25 mm high. The mark shows DANGER, “THIS UNIT IS UNDER FUMIGATION WITH (fumigant name) APPLIED ON (date) (time)”, “VENTILATED ON (date)” and “DO NOT ENTER”.	5.5.2.3.2
Durability	Marking method remains identifiable after at least three months’ immersion in the sea.	5.5.2.3.2

Check	Requirement	Ref.
Ventilation date	If the CTU has been completely ventilated after fumigation, by opening the doors or by mechanical ventilation, the date of ventilation is marked on the warning mark.	5.5.2.3.3
Removal	Remains on the CTU until it has been ventilated to remove harmful concentrations of fumigant gas and the fumigated goods or materials have been unloaded; then it is removed.	5.5.2.3.1; 5.5.2.3.4
Class 9 placard	Model No. 9 is not affixed solely because the CTU is fumigated. It is used only if required for other class 9 substances or articles packed in the CTU.	5.5.2.3.5
Documentation	Where the CTU has not been completely ventilated before transport: “UN 3359, fumigated cargo transport unit, 9” (or “class 9”), the date and time of fumigation, and the type and amount of fumigant. No document is needed once the unit is completely ventilated and the ventilation date is marked.	5.5.2.4.1; 5.5.2.4.4
Transitional provision	The fumigation warning mark in Amendment 41-22 may continue to be applied until 31 December 2026.	Note under 5.5.2.3.2

6.2 Asphyxiation warning mark for cooling or conditioning

Check	Requirement	Ref.
Placement	At each access point of a CTU containing dangerous goods used for cooling or conditioning, where it will be easily seen by persons opening or entering the CTU.	5.5.3.6.1
Size	Rectangle ≥ 150 mm wide × 250 mm high.	5.5.3.6.2
WARNING	The word “WARNING” in red or white, ≥ 25 mm high.	5.5.3.6.2
Gas / coolant identification	Insert the proper shipping name or the name of the asphyxiant gas used as coolant or conditioner (for example CARBON DIOXIDE, SOLID). Capitals, one line, ≥ 25 mm high; if too long to fit, reduce only as much as necessary.	5.5.3.6.2
Additional wording	“AS COOLANT” or “AS CONDITIONER” may be added.	5.5.3.6.2
Durability	Marking method remains identifiable after at least three months’ immersion in the sea.	5.5.3.6.2
Removal	Remains until the CTU has been ventilated to remove harmful concentrations of coolant or conditioner and the cooled or conditioned goods have been unloaded.	5.5.3.6.1
Documentation	Where the CTU has not been completely ventilated before transport: the UN number preceded by “UN” and the proper shipping name followed by “AS COOLANT” or “AS CONDITIONER”, for example UN 1845, CARBON DIOXIDE, SOLID, AS COOLANT.	5.5.3.7.1

7. Final artwork and compliance points

Point	Practical note
Dimensions	Check the finished physical dimensions in millimetres; do not rely on screen or pixel size.
Placement	Check the specific placement paragraph for the package, IBC, large packaging, CTU, portable tank or bulk container involved.

Point	Practical note
Reduced-size provisions	Apply reduced dimensions only where the relevant paragraph expressly permits them and the mark remains clearly visible.
Class / division details	Use the applicable specimen in 5.2.2.2.2 or 5.3.1.2.2 for colours, symbols, class/division numbers and other class-specific details.
UN number	Distinguish the package character-height requirements in 5.2.1.1 from the CTU display requirements in 5.3.2.1.
Marine pollutant	Distinguish the 100 × 100 mm package mark in 5.2.1.6.3 from the 250 × 250 mm CTU mark in 5.3.2.3.2, subject to the permitted portable-tank reduction.
Removal	Remove or mask placards, orange panels, marks and signs once the dangerous goods or residues that required them are discharged (5.3.1.1.1.3).

8. Colour reference for label and placard printing

> **Industry practice, not Code text.** The Code gives each label and placard colour by name (red, orange, yellow, green, blue, white, black) and matches it to the specimen in 5.2.2.2.2 (labels) or the placard colour in 5.3.1.2. It does not itself give PANTONE®, Munsell or CIE values. Consignors printing their own labels commonly use the PANTONE® values below to match those colours, against the applicable specimen.

Colour	PANTONE® reference	On-screen approximation
Red	PANTONE® 186 U	
Orange	PANTONE® 151 U	
Yellow	PANTONE® 109 U	
Green	PANTONE® 335 U	
Blue	PANTONE® 285 U	

Alternative matching methods. Corresponding Munsell notations or CIE (International Commission on Illumination) colour values may also be used; a spectrophotometer or comparable instrument can be used to confirm that a printed colour matches the standard. The on-screen swatches above are an approximation for visual reference only. Screen and print rendering vary, so the PANTONE® physical formula guide (or equivalent) governs for production.

Source and limitation. International Maritime Dangerous Goods (IMDG) Code, Amendment 42-24, 2024 Edition. This document is a dimensional and placement specification, not a substitute for the Code. Paragraph references are shown so that the applicable specimen, exceptions and full regulatory text can be found before use.

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