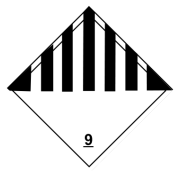
DANGEROUS GOODS / REFERENCE GUIDE

IMCO / IMDG classes

Class numbers, descriptions and illustrative labels

CLASS	DESCRIPTION	LABEL
1	**Explosives** Divisions 1.1-1.6	
2.1	**Flammable gases**	
2.2	**Non-flammable, non-toxic gases**	
2.3	**Toxic gases**	
3	**Flammable liquids**	
4.1	**Flammable solids** Self-reactive substances, solid desensitized explosives and polymerizing substances	
4.2	**Substances liable to spontaneous combustion**	
4.3	**Substances which, in contact with water, emit flammable gases**	
5.1	**Oxidizing substances**	

CLASS	DESCRIPTION	LABEL
5.2	**Organic peroxides**	
6.1	**Toxic substances**	
6.2	**Infectious substances**	
7	**Radioactive material** Category I - WHITE	
7	**Radioactive material** Category II - YELLOW	
7	**Radioactive material** Category III - YELLOW	
8	**Corrosive substances**	
9	**Miscellaneous dangerous substances and articles**	

ADDITIONAL TRANSPORT MARKS

Mixed-class placard

For mixed dangerous goods under applicable road and rail rules (e.g. ADG). Not a universal IMDG substitute for class placards.



Elevated temperature mark

Thermometer triangle used for elevated-temperature substances where required. This is a transport mark, not a subsidiary hazard class.



TECHNICAL NOTES

Overview only. Class 1 requires division and compatibility-group details; Class 7 labels depend on category. The Class 9 battery label is a separate variant. Confirm classification, UN number, subsidiary hazards and marking requirements against the applicable regulations before shipment. Illustrations are not print-ready transport labels.

References: IMO IMDG Code (2024 / 42-24); UNECE transport pictograms; PHMSA DOT Chart 17.