

This chart is designed to provide the user with practical guidance for the storage of dangerous goods. It is not intended for use for minor quantities. The segregation chart shows the dangerous goods class diamond and the equivalent pictogram adopted by Workplace Health and Safety legislation. Where signs and/or placards are required, in Victoria class diamonds used.

		Dangerous Goods Class Diamonds															
		Class	1	2.1	2.2	2.3	2.5	3	4.1	4.2	4.3	5.1	5.2	6.1	7	8	9
			Explosives	Flammable Gas	Non-flammable Non-toxic Gas	Toxic Gas	Oxidising Gas	Flammable Liquid	Flammable Solid	Spontaneously Combustible	Dangerous When Wet	Oxidising Agent	Organic Peroxide	Toxic	Radioactive	Corrosive	Miscellaneous
Dangerous Goods Class Diamond	GHS Pictograms																
		1	✗														
		2.1		✓	▲	✓		◆	▲		▲			✓		▲	▲
		2.2		▲	✓	▲	▲	▲	▲	▲	▲	▲	▲	▲		▲	▲
		2.3		✓	▲	✓	✓	✓	✓	✓	✓	✓	✓	▲		▲	▲
		2.5			▲	✓	✓					✓					
		3		◆	▲	✓		✓	▲		▲			✓		▲	▲
		4.1		▲	▲	✓		▲	✓		▲			✓		▲	▲
		4.2			▲	✓				✓	▲			✓		▲	▲
		4.3		▲	▲	✓		▲	▲	▲	✓			✓			▲
		5.1			▲	✓	✓					✓					
		5.2			▲	✓						✓					
		6.1		✓	▲	▲		✓	✓	✓	✓			✓		▲	▲
		7													✓		
		8		▲	▲	▲		▲	▲	▲				▲			▲
		9		▲	▲	▲		▲	▲	▲	▲			▲		▲	✓

✗	Most classes of explosives cannot be stored with different classes of explosives. Refer to AS 2187.1: Explosives – Storage, transport and use and the <i>Dangerous Goods (Explosives) Regulations 2011</i> (Vic) for more information
✓	Dangerous goods of the same class are normally considered compatible and can be stored together. Dangerous goods of different classes and normally unreactive with, can be stored together but consideration should be given to an escalation of risks in the event of fire etc.
▲	If the Class 2.2 has a subsidiary risk of 5.1, then do not store together.
▲	Normally these can be stored together. There may be some exceptions and the SDS should be consulted for compatibility.
	If the Class 6.1 or 9 is a fire risk then don not store with oxidizing agents. In the case of an explosive (Class 1), it relates only to Class 9.
▲	Cannot be stored together when both classes are in bulk (A container with a capacity exceeding 500 L or 500 kg. If the dangerous goods are solids, an undivided quantity not exceeding 500 kg)
	If one material is a concentrated strong acid and the other a concentrated strong alkali they cannot be stored together.
◆	When both classes are in bulk they must be segregated. Bulk is defined in the <i>Dangerous Goods (Storage and Handling) Regulations 2012</i> (Vic) as: (a) in a container with a capacity exceeding 500 L or net mass of more than 500 kg; or (b) if the dangerous goods are a solid, an undivided quantity exceeding 500 kg.