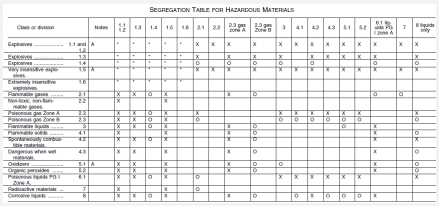
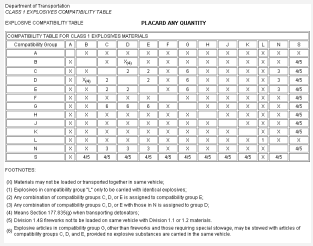
segregation table for hazardous materials



SEGREGATION TABLE FOR HAZARDOUS MATERIALS

Class or division	Notes	1.1 1.2	1.3	1.4	1.5	1.6	2.1	2.2	2.3 gas zone A	2.3 gas Zone B	3	4.1	4.2	4.3	5.1	5.2	6.1 liq. vals PG I zone A	7	8 liquids only
Explosives ..... 1.1 and 1.2	A	*	*	*	*	*	X	X	X	X	X	X	X	X	X	X	X	X	X
Explosives 1.3		*	*	*	*	*	X		X	X	X		X	X	X	X			X
Explosives 1.4		*	*	*	*	*	O		O	O	O		O				O		O
Very insensitive explosives.	1.5	A	*	*	*	*	*	X	X	X	X	X	X	X	X	X	X	X	X
Extremely insensitive explosives.	1.6		*	*	*	*	*												
Flammable gases	2.1		X	X	O	X				X	O						O	O	
Non-flammable, non-poisonous gases.	2.2		X			X													
Poisonous gas Zone A	2.3		X	X	O	X		X				X	X	X	X	X			X
Poisonous gas Zone B	2.3		X	X	O	X		O				O	O	O	O	O			O
Flammable liquids	3		X	X	O	X			X	O					O		X		
Flammable solids	4.1		X			X			X	O							X		O
Spontaneously combustible materials.	4.2		X	X	O	X			X	O							X		X
Dangerous when wet materials.	4.3		X	X		X			X	O							X		O
Oxidizers	5.1	A	X	X		X			X	O	O						X		O
Organic peroxides	5.2		X	X		X			X	O							X		O
Poisonous liquids PG I Zone A	6.1		X	X	O	X		O			X	X	X	X	X	X			X
Radioactive materials ...	7		X			X		O											
Corrosive liquids	8		X	X	O	X			X	O		O	X	O	O	O	X		

compatibility table for class 1 materials



Department of Transportation
CLASS 1 EXPLOSIVES COMPATIBILITY TABLE

EXPLOSIVE COMPATIBILITY TABLE — PLACARD ANY QUANTITY

COMPATIBILITY TABLE FOR CLASS 1 EXPLOSIVES MATERIALS

Compatibility Group	A	B	C	D	E	F	G	H	J	K	L	N	S
A		X	X	X	X	X	X	X	X	X	X	X	X
B	X		X	$X_{(4)}$	X	X	X	X	X	X	X	X	4/5
C	X	X		2	2	X	6	X	X	X	X	3	4/5
D	X	$X_{(4)}$	2		2	X	6	X	X	X	X	3	4/5
E	X	X	2	2		X	6	X	X	X	X	3	4/5
F	X	X	X	X	X		X	X	X	X	X	X	4/5
G	X	X	6	6	6	X		X	X	X	X	X	4/5
H	X	X	X	X	X	X	X		X	X	X	X	4/5
J	X	X	X	X	X	X	X	X		X	X	X	4/5
K	X	X	X	X	X	X	X	X	X		X	X	4/5
L	X	X	X	X	X	X	X	X	X	X		X	X
N	X	X	3	3	X	X	X	X	X	X	X		4/5
S	X	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	4/5	

FOOTNOTES:

(4) Materials may not be loaded or transported together in same vehicle;
(1) Explosives in compatibility group "L" only to be carried with identical explosives;
(2) Any combination of compatibility groups C, D, or E is assigned to compatibility group E;
(3) Any combination of compatibility groups C, D, or E with those in N is assigned to group D;
(4) Means Section 177.835(g) when transporting detonators;
(5) Division 1.4S fireworks not to be loaded on same vehicle with Division 1.1 or 1.2 materials;
(6) Explosive articles in compatibility group D, other than fireworks and those requiring special stowage, may be stowed with articles of compatibility groups C, D, and E, provided no explosive substances are carried in the same vehicle.

Notes on segregation materials

Hazard class 6.1

> Must be liquid, zone A and PG I

Hazard class 8

> Must be liquid

Hazard class 2.3

> Must be inhalation zone A or B

LABELING

Detonators

> Can be shipped with detonators 177.835 (g) (page 921)

Inhalation hazard marking

> Not required if on label

Reportable Quantities (RQ)

> Must be in front of proper shipping name, if required. Example "RQ ACETONE"

Labels

> Required within 6 inches of eachother (multiple). Located near proper shipping name

Duplicate Labels

> Package or overpack with volume 64 cubic feet or more. required on opposite sides

PLACARDS

EXEMPTIONS	Less than 454kg gross weight, no placard required. **Unless** primary hazard is on table 1 or subsidiary hazard on table 2
	1.4 S do not require placarding
	Compatability group letters for class 1 not required for land transport (US only)
Dangerous Placard	Require 2 or more hazards non-bulk
	Less than 1000kg each hazard class **EXCEPT** If appropriate hazard is on Table 1 or 2
Subsidiary hazard Placard	Not required unless
	- Hazard 2.3 (Toxic gas)
	-Hazard 6.1(Toxic materials) Zone A and B
	-Hazard 4.3 (Dangerous When Wet)

Placard for Primary hazard if subsidiary hazard required

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