

Coast Guard, DHS

§ 148.125

example, by a complete cargo compartment or hold. If the intervening decks are not resistant to fire and liquid, only horizontal separation is acceptable.

(3) “Separated longitudinally by an intervening complete cargo compartment or hold from” means that vertical separation alone does not meet this requirement.

TABLE 148.120A—SEGREGATION BETWEEN INCOMPATIBLE BULK SOLID CARGOES

Bulk solid materials	Class	4.1	4.2	4.3	5.1	6.1	7	8	9/PDM
Flammable solid	4.1	X	.....	.....	.....	.....	.....	.....
Spontaneously combustible material	4.2	2	X	.....	.....	.....	.....	.....
Dangerous when wet material	4.3	3	3	X	.....	.....	.....	.....
Oxidizer	5.1	3	3	3	X	.....	.....	.....
Poisonous material	6.1	X	X	X	2	X	.....	.....
Radioactive material	7	2	2	2	2	2	X	.....
Corrosive material	8	2	2	2	2	X	X	X	
Miscellaneous hazardous material and potential dangerous material	9/PDM	X	X	X	X	X	2	X	X

Numbers and symbols indicate the following terms as defined in § 148.3 of this part:

2—“Separated from”.

3—“Separated by a complete hold or compartment from”.

X—No segregation required, except as specified in an applicable section of this subpart or Subpart E of this part.

TABLE 148.120B—SEGREGATION BETWEEN BULK SOLID CARGOES AND INCOMPATIBLE PACKAGED CARGOES

Packaged hazardous material	Bulk solid material								
	Class	4.1	4.2	4.3	5.1	6.1	7	8	9/PDM
Explosives	1.1	4	4	4	4	2	2	4	X
	1.2								
	1.5								
Explosives	1.3	3	3	4	4	2	2	2	X
	1.6								
Explosives	1.4	2	2	2	2	X	2	2	X
Flammable gas	2.1	2	2	1	2	X	2	2	X
Non-flammable compressed gas	2.2	2	2	X	X	X	2	1	X
Poisonous gas	2.3	2	2	X	X	X	2	1	X
Flammable liquid	3	2	2	2	2	X	2	1	X
Flammable solid	4.1	X	1	X	1	X	2	1	X
Spontaneously combustible material	4.2	1	X	1	2	1	2	1	X
Dangerous when wet material	4.3	X	1	X	2	X	2	1	X
Oxidizer	5.1	1	2	2	X	1	1	2	X
Organic peroxide	5.2	2	2	2	2	1	2	2	X
Poisonous material	6.1	X	1	X	1	X	X	X	X
Infectious substance	6.2	3	3	2	3	1	3	3	X
Radioactive material	7	2	2	2	1	X	X	2	X
Corrosive material	8	1	1	1	2	X	2	X	X
Miscellaneous hazardous material	9	X	X	X	X	X	X	X	X

Numbers and symbols indicate the following terms as defined in § 148.3 of this part:

1—“Away from”.

2—“Separated from”.

3—“Separated by a complete hold or compartment from”.

4—“Separated longitudinally by an intervening complete compartment or hold from”.

X—No segregation required, except as specified in an applicable section of this subpart or Subpart E of this part.

§ 148.125 Stowage and segregation for materials of Class 4.1.

(a) Class 4.1 materials listed in Table 148.10 of this part must—

(1) Be kept as cool and dry as practical before loading;

(2) Not be loaded or transferred between vessels during periods of rain or snow;

(3) Be stowed separated from food-stuffs; and

(4) Be stowed clear of sources of heat and ignition and protected from sparks and open flame.

(b) Bulkheads between a hold containing a Class 4.1 material and incompatible materials must have cable and conduit penetrations sealed against the passage of gas and vapor.