Figure 1

# **Department of Transportation Hazard Classification System**



## Class 1 - Explosives

Division 1.1 Explosives with a mass explosion hazard

- 1.2 Explosives with a projection hazard
- 1.3 Explosives with predominantly a fire hazard
- 1.4 Explosives with no significant blast hazard
- 1.5 Very insensitive explosives; blasting agents
- 1.6 Extremely insensitive detonating articles



### Class 2 - Gases

Division 2.1 Flammable Gases

- 2.2 Non-flammable, non-toxic compressed gases
- 2.3 Gases toxic by inhalation
- 2.4 Corrosive gases (Canada)









Class 3 - Flammable liquids (and Combustible liquids [U.S.])



Class 4 - Flammable solids; Spontaneously combustible materials and Dangerous when Wet materials.



Division 4.1 Flammable Solids

- 4.2 Spontaneously combustible materials
- 4.3 Dangerous when wet materials





Division 5.1 Oxidizers



5.2 Organic Peroxides

Class 5 - Oxidizers and Organic Peroxides



#### Class 6 - Toxic materials and infectious substances

Division 6.1 Toxic materials

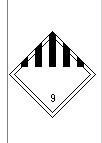
6.2 Infectious substances



Class 7 - Radioactive Materials



Class 8 - Corrosive Materials



## Class 9 - Miscellaneous Dangerous Goods

Division 9.1 Miscellaneous dangerous goods (Canada)

9.2 Environmentally hazardous substances (Canada)

9.3 Dangerous wastes (Canada)

#### Phone #'s for Chemical Emergencies

CHEMTREC 1-800-424-9300 Chemical Response Information

CHEM-TEL, INC 1-800-255-3924 Chemical Response Information

NRC **1-800-424-8802** National Response Center (Coast Guard)

Military 1-703-697-0218 Incidents involving explosives & ammunition

D.O.D. 1-800-851-8061 Incidents of dangerous goods other than above

Source: DOT website, public domain

Figure 2



704 M Hazard System

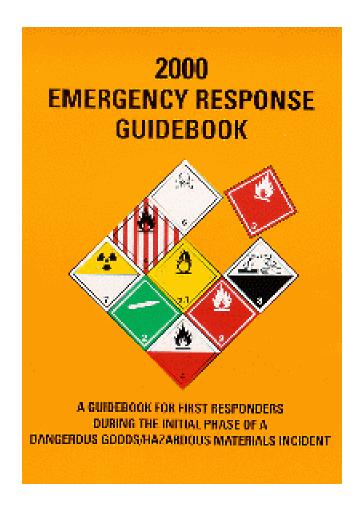


Health	Flammability / Flash Points	Reactivity
4 - Deadly	4 - Below 73 deg.	4 - May Detonate
3 - Extremely Hazardous	3 - Below 100 deg.	3 - May Detonate with Heat and Shock
2 - Hazardous	2 - Below 200 deg.	2 - Violent Chemical Change
1 - Slightly Hazardous	1 - Above 200 deg.	1 - Not Stable if Heated
0 - Normal Material	0 - Will not burn	0 - Stable



Source: DOT website, public domain

Figure 3



Source: US DOT website, public domain