



**City of Roanoke Fire-EMS**  
**Information Bulletin**

**HAZARDOUS MATERIALS QUANTITY TABLE**

**Amounts of Hazardous Materials exceeding the following thresholds REQUIRE PERMITS**

<b>UN Class 1 - Explosives Materials</b>	
Division 1.1	1 pound
Division 1.2	1 pound
Division 1.3	5 pounds
Division 1.4	50 pounds
Division 1.4G	125 pounds
Division 1.5	1 pound
Division 1.6	1 pound
<b>UN Class 2 - Gases</b>	
<b>Flammable Gases</b>	
1. Gaseous	1000 cubic feet
2. Liquefied (except propane)	30 gallons
Toxic Gases	810 cubic feet
Highly Toxic Gases	20 cubic feet
Pyrophoric Gases	50 cubic feet
<b>UN Class 3 - Flammable Liquids</b>	
<b>Flammable Liquids (UN Class 3)</b>	
Class 1A	30 gallons
Class 1B and 1C	120 gallons
<b>Combustible Liquid (UN Class 3)</b>	
Class II	120 gallons
Class IIIA	330 gallons
Class IIIB	13,200 gallons
<b>UN Class 4 - Flammable Solids and Reactive Liquids and Solids</b>	
Flammable Solids	125 pounds
<b>Pyrophoric Materials</b>	
Liquid	4 pounds
Solid	4 pounds
<b>Water Reactive – Liquids and Solids</b>	
Class 3	5 pounds
Class 2	50 pounds
Class 1	No permit required.
<b>Unstable (reactive) Materials – Liquids and Solids</b>	

City of Roanoke Fire Marshal Office - 713 Third Street SW, Roanoke, Virginia 24016 - 540-853-2795 [www.roanokeva.gov/firemarshal](http://www.roanokeva.gov/firemarshal)

Class 4	1 pounds
Class 3	5 pounds
Class 2	50 pounds
Class 1	No permit required.

<b>UN Class 5 - Oxidizers and Organic Peroxides</b>	
<b><i>Oxidizing Materials – Gases</i></b>	
Gaseous	1500 cubic feet
Liquefied	15 gallons
<b><i>Liquids and Solids</i></b>	
Class 4	1 pound
Class 3	10 pounds
Class 2	250 pounds
Class 1	4000 pounds
<b><i>Organic Peroxides- Liquids and Solids</i></b>	
Class I	5 pounds
Class II	50 pounds
Class III	125 pounds
Class IV	No permit required.
Class V	No permit required.
<b>UN Class 6 - Toxic (poisonous) Materials</b>	
<b><i>Toxic Materials</i></b>	
Liquids	500 pounds
Solids	500 pounds
<b><i>Highly Toxic Materials</i></b>	
Liquids	10 pounds
Solids	10 pounds
<b>UN Class 7 - Radioactive Materials</b>	
<b>UN Class 8 - Corrosive Materials</b>	
Gases	810 cubic feet
Liquids	500 gallons
Solids	5000 pounds
<b>UN Class 9 – Miscellaneous Hazardous Materials</b>	
Anesthetic or noxious substances.	
Elevated temperature materials.	
Environmentally hazardous substances.	
Marine pollutants.	
Medical waste.	
Hazardous waste, not in any of Classes 1 through 8.	
Other regulated hazardous substance or object.	