



# OLATHE FIRE DEPARTMENT

Fire Administration ▪ 1225 S. Hamilton Circle ▪ Olathe, KS 66061  
 Main: (913) 971-7900 ▪ [www.olatheks.org/fire](http://www.olatheks.org/fire)



## Hazardous Materials (HAZMAT) Permits

Materials and quantities requiring a Hazardous Materials (HAZMAT) Permit are identified in the 2018 International Fire Code – Table 105.6.20. The following table summarizes common materials and quantity limits from the Fire Code. The list is not all inclusive, therefore you are encouraged to refer to the Fire Code for additional details. A list of common materials that fall into these categories can be found in Fire Code Appendix E – Hazard Categories. If you are not sure whether or not you are required to obtain a permit, contact the Olathe Fire Department Fire Prevention Division for assistance at 913-971-7900.

Type of Material	Amount
<b>Flammable and Combustible Liquids</b>	
Class I	5 gallons indoor / 10 gallons outdoors
Class II	25 gallons indoors / 60 gallons outdoors
Class IIIA	25 gallons indoors / 60 gallons outdoors
Class IIIB	Motor fuel-dispensing facilities
<b>Corrosive Materials</b>	
Gases	200 cubic feet
Liquids	55 gallons
Solids	1000 pounds
<b>Explosive Materials</b>	Any amount
<b>Flammable Materials</b>	
Gases	200 cubic feet
Liquids	See Flammable and Combustible Liquids
Solids	100 pounds
<b>Highly Toxic Materials</b>	Any amount
<b>Oxidizing Materials</b>	
Gases	504 cubic feet
Liquids	
Class 4	Any amount
Class 3	1 gallon
Class 2	10 gallons
Class 1	55 gallons
Solids	
Class 4	Any amount
Class 3	10 pounds
Class 2	100 pounds
Class 1	500 pounds



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Type of Material	Amount
<b>Organic Peroxides</b> Liquids Class I Class II Class III Class IV Class V Solids Class I Class II Class III Class IV Class V	Any amount Any amount 1 gallon 2 gallons No permit required Any amount Any amount 10 pounds 20 pounds No permit required
<b>Pyrophoric Materials</b>	Any amount
<b>Toxic Materials</b> Gases Liquids Solids	Any amount 10 gallons 100 pounds
<b>Unstable (Reactive) Materials</b> Liquids Class 4 Class 3 Class 2 Class 1 Solids Class 4 Class 3 Class 2 Class 1	Any amount Any amount 5 gallons 10 gallons Any amount Any amount 50 pounds 100 pounds
<b>Water Reactive Materials</b> Liquids Class 3 Class 2 Class 1 Solids Class 3 Class 2 Class 1	Any Amount 5 gallons 55 gallons Any amount 50 pounds 500 pounds