

2007 CBC Table 307.1(2)																
Maximum Allowable Quantity Table for Storage In Laboratory Buildings																
MATERIAL	Fire Protection Method	Solid-lbs.(Cubic Feet)					Liquid Gallons (Pounds)					Gas (Cu. Ft.)				
		Floor Location					Floor Location					Floor Location				
		Sub Bsmnt	Bsmnt	First	Second	Third	Sub Bsmnt	Bsmnt	First	Second	Third	Sub Bsmnt	Bsmnt	First	Second	Third
Corrosive																
N/A	Base(No Cabinet or Sprinkler)	2500	3750	5000	3750	2500	250	375	500	375	250	75	113	150	113	75
	Sprinklered (No Cabinet)	500	750	1000	750	500	500	750	1000	750	500	810	1215	1620	1215	810
	Cabinet (Non-sprinklered)	500	750	1000	750	500	500	750	1000	750	500	75	113	150	113	75
	Cabinet+Sprinklered	10000	15000	20000	15000	10000	1000	1500	2000	1500	1000	1620	2430	3240	2430	1620
Highly Toxic																
N/A	Base(No Cabinet or Sprinkler)	5	7.5	10	7.5	5	(5)	(8)	(10)	(8)	(5)	0	0	0	0	0
	Sprinklered (No Cabinet)	10	15	20	15	10	(10)	(15)	(20)	(15)	(10)	0	0	0	0	0
	Cabinet (Non-sprinklered)	10	15	20	15	10	(10)	(15)	(20)	(15)	(10)	10	15	20	15	10
	Cabinet+Sprinklered	20	30	40	30	20	(20)	(30)	(40)	(30)	(20)	20	30	40	30	20
Toxic																
N/A	Base(No Cabinet or Sprinkler)	250	375	500	375	250	(250)	(375)	(500)	(375)	(250)	405	608	810	608	405
	Sprinklered (No Cabinet)	500	750	1000	750	500	(500)	(750)	(1000)	(750)	(500)	810	1215	1620	1215	810
	Cabinet (Non-sprinklered)	500	750	1000	750	500	(500)	(750)	(1000)	(750)	(500)	810	1215	1620	1215	810
	Cabinet+Sprinklered	1000	1500	2000	1500	1000	(1000)	(1500)	(2000)	(1500)	(1000)	1620	2430	3240	2430	1620

* Cabinets shall be approved exhausted gas cabinets for storing highly toxic gas.
N/A = Not Applicable
N.L = No Limit