

Pressure?

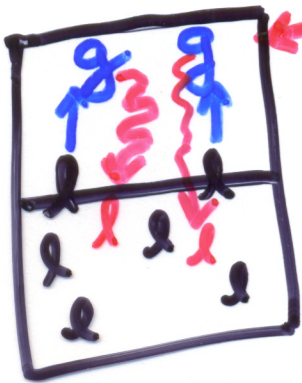
force of molecules
in gas on walls of container

more molecules
in gas phase

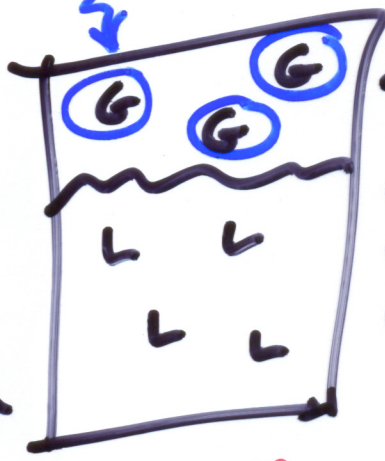
higher pressure



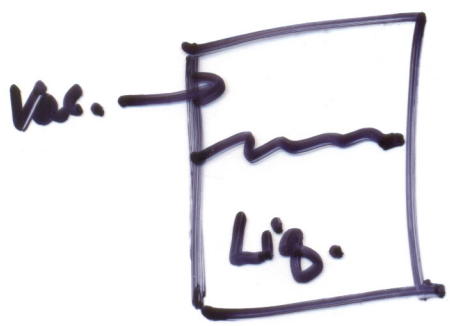
vapor (gas that came from liq.)
vaporization $l \rightarrow g$



Vapor Pressure

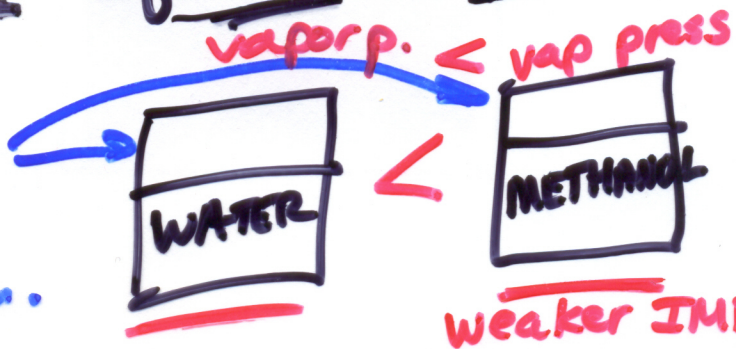


@ equ.
total amt.
of vapor
will remain
constant.



Let it
reach
equilibrium

Diff. #'s
of vapor
molecules @
equilibrium.



vap press
weaker IMF's
Vapor
pressure
tells us
about
IMF's.

IMF	ΔH_{vap}	Vapor Pressure	Boiling Pt.	Surface Tension	Viscosity
<u>STRONG</u>	High	Low	High		
<u>weak</u>	Low	High	LOW		

