

Class 3. Nanotechnologies List from Swiss Re report

1. Nanoparticles (ultra fine particles)
 - a. Zinc-oxide
 - b. Sought (Carbon)
2. Zeolytes
3. Lipid spheres
 - a. Drug delivery
4. Nanotubes
 - a. Carbon
 - b. Nitride
5. Nanowires
 - a. Silicon, GaAs
6. Carbon fullerenes (bucky balls)
7. Scanning Probe Microscopes
 - a. Scanning Tunneling Microscope
 - b. Electron Microscope
 - c. TEM
 - d. Atomic force microscope
8. Manufacturing
 - a. "bottom-up"
 - b. "top-down"
9. Nanotags
10. Magnetic layers in a disk drive – GMR.