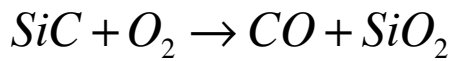
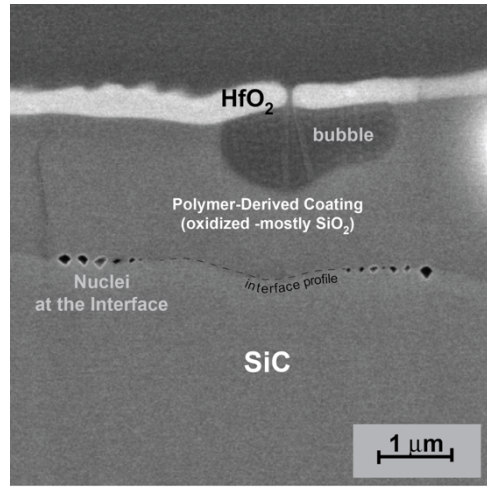
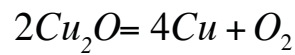
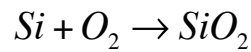


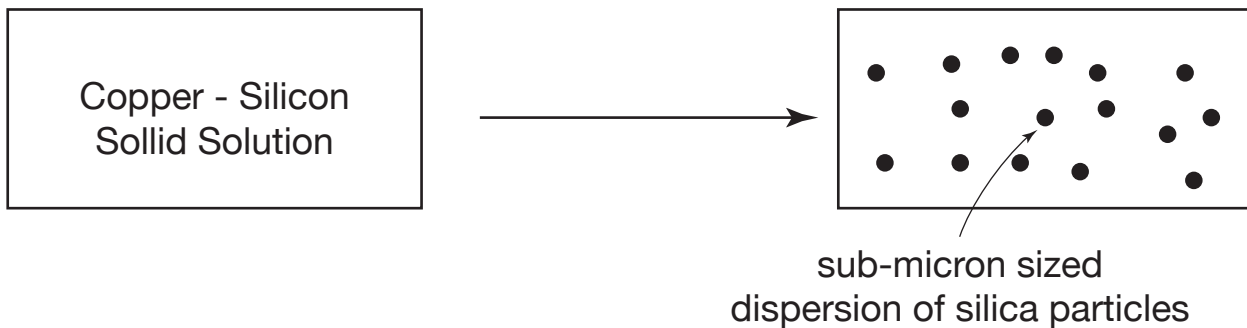
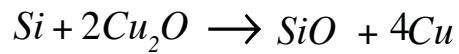
Oxidation of Silicon Carbide in High Temperature Applications



Creating a dispersion of small silica particles in a copper matrix.



The sum is a redox reaction



- Heat an alloy of copper and silicon in a bed that is made from a mixture of copper and copper oxide.
- Copper oxide is reduced while at the same time silicon is oxidized.