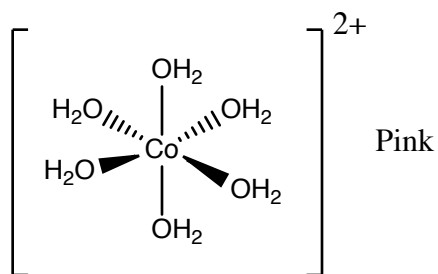
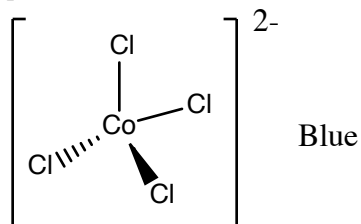
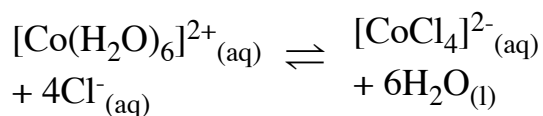


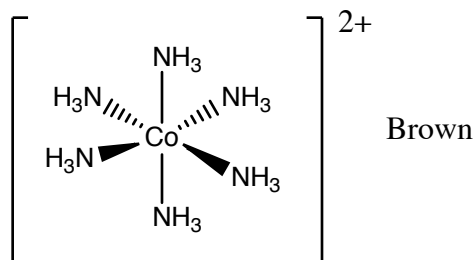
Coordination Complexes:



hexaqua cobalt(II) ion, $[\text{Co}(\text{H}_2\text{O})_6]^{2+}$
Octahedral

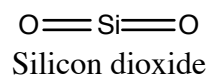


tetrachlorocobalt(II) ion, $[\text{CoCl}_4]^{2-}$

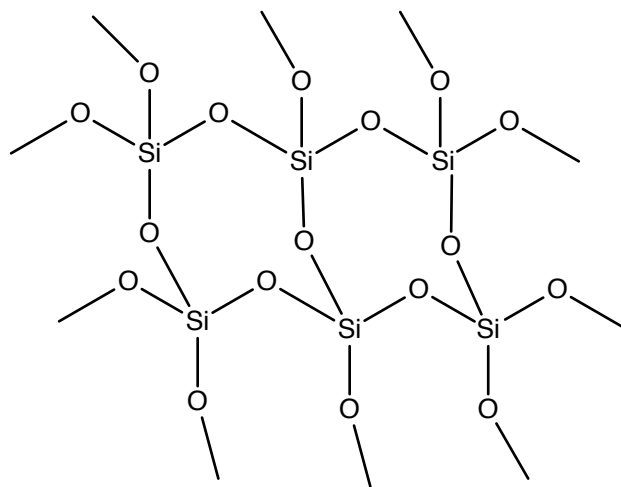


hexamine cobalt(II) ion, $[\text{Co}(\text{NH}_3)_6]^{2+}$

Sand, Glass, etc...



Structural motif found in quartz, and
also found in almost all forms of silicon dioxide



Various Chemicals:

| | | | |
|--|---|----------------------|--|
| <p>cobalt(II) chloride</p> | <p>Rocket Fuel</p> <p>$\text{H}_2\text{N}-\text{NH}_2$</p> <p>Hydrazine</p> <p>Chemical Formula: H_4N_2</p> | <p>Sulfuric Acid</p> | <p>$\text{Na}^+ \text{OH}^-$</p> <p>Sodium Hydroxide</p> |
| <p>"Hard Water"</p> <p>Calcium Carbonate</p> | <p>Bleach</p> <p>Sodium hypochlorite</p> | <p>ethanol</p> | <p>Chemical Formula: CHNaO_3</p> <p>Sodium bicarbonate</p> |