

## Chemistry and Chemicals

With over 3,500 chemicals for education and the widest selection of equipment, models, activity kits, and safety supplies, we have everything you need for your chemistry lab all in one place!



### **PARTS TO THE BONDING AND STRUCTURE MODEL SET – 470232-054**

36 WHITE HYDROGEN ATOMS

15 BLACK CARBON ATOMS, sp<sup>3</sup> hybridization

6 BLACK CARBON ATOMS, sp<sup>2</sup> hybridization and 1 unhybridized p

6 BLACK CARBON ATOMS, sp hybridization and 2 unhybridized p

8 RED OXYGEN ATOMS, sp<sup>3</sup> hybridization

4 RED OXYGEN ATOMS, sp<sup>2</sup> hybridization and 1 unhybridized p

4 RED OXYGEN ATOMS, sp hybridization and 2 unhybridized p

6 GREEN CHLORINE ATOMS

6 YELLOW FLUORINE ATOMS

6 ORANGE BROMINE ATOMS

6 PURPLE IODINE ATOMS

5 BLUE NITROGEN ATOMS, sp<sup>3</sup> hybridization

4 BLUE NITROGEN ATOMS, sp<sup>2</sup> hybridization and 1 unhybridized p

4 BLUE NITROGEN ATOMS, sp hybridization and 2 unhybridized p

2 YELLOW SULFUR ATOMS, sp<sup>3</sup> hybridization

2 YELLOW SULFUR ATOMS, sp<sup>2</sup> hybridization and 1 unhybridized p

2 YELLOW SULFUR ATOMS, sp hybridization and 2 unhybridized p

2 GREEN PHOSPHORUS ATOMS, sp<sup>3</sup> hybridization

2 GREEN PHOSPHORUS ATOMS, sp<sup>2</sup> hybridization and 1 unhybridized p

2 GREEN PHOSPHORUS ATOMS, sp hybridization and 2 unhybridized p

36 GRAY LINKS FOR SINGLE BONDS FOR HYDROGEN

16 GRAY LINKS FOR SINGLE BONDS

14 BLACK LINKS FOR CARBON-CARBON SINGLE BONDS

14 GRAY LINKS FOR DOUBLE AND TRIPLE BONDS

12 RED LINKS FOR PI BONDS