

Matter

Matter is anything that has mass and volume. Matter is divided into two different categories called **pure substances** and **mixtures**. A pure substance is any substance that has one type of particle. A mixture is any substance that has at least two pure substances; each has its own type of particle. A pure substance is also broken down into two different categories called **Element** and **Compound**. An element is a substance that cannot be decomposed by any chemical reaction into a simpler substance. For example, oxygen, hydrogen. Also, all elements have one type of atom. A compound is a substance composed of two or more elements chemically combined. For example, water=hydrogen plus oxygen (H_2O). Mixture is also broken down into two other different categories called **homogeneous** and **heterogeneous**. A homogenous mixture is a mixture that is uniform in its properties throughout a given sample. A heterogeneous mixture is a mixture that has two or more phases and two boundaries.

Preview from Notesale.co.uk
Page 1 of 1