

Matter Classification

Matter
anything that has mass and volume.

Substance
matter that has a uniform and definite composition

Element
The simplest form of matter that has a unique set of properties.

Na
C
He
H
Cu
Co

Compound
a substance that contains two or more elements chemically combined in fixed proportions.

NaCl
H₂O
C₆H₁₂O₆

Mixture
a physical blend of two or more components

Homogeneous
composition is uniform throughout

Pure Air
Vinegar
olive oil

Heterogeneous
composition is not uniform throughout

Soup
blood
soil