Activity 5.3: Materials Cards

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Table Salt microscopic image: Courtesy of FEI
Sugar/Glucose microscopic image: Courtesy of David McCarthy and FEI
Sand/Quartz microscopic image: Eduardo Palacios
Molecules, Burning Ethanol, Gas Tank, Butane Lighter, Propane Tank: Craig Douglas, Michigan State University
Glass of Water, Limestone, Cellulose, Clouds, Peanuts: Hannah Miller, Michigan State University
Table Salt (NaCl)

Sugar/Glucose (C₆H₁₂O₆)

Ethyl Alcohol or Ethanol (C₂H₅OH)

Water (H₂O)
Sand/Quartz ($\text{SiO}_2$)

Propane Gas ($\text{C}_3\text{H}_8$)

Lipids/Fats

Butane ($\text{C}_4\text{H}_{10}$)
Gasoline/Octane ($C_8H_{18}$)

Air ($N_2$, $O_2$, $CO_2$)

Limestone/Calcium Carbonate ($CaCO_3$)

Cellulose ($C_{5H_{10}O_5}$)