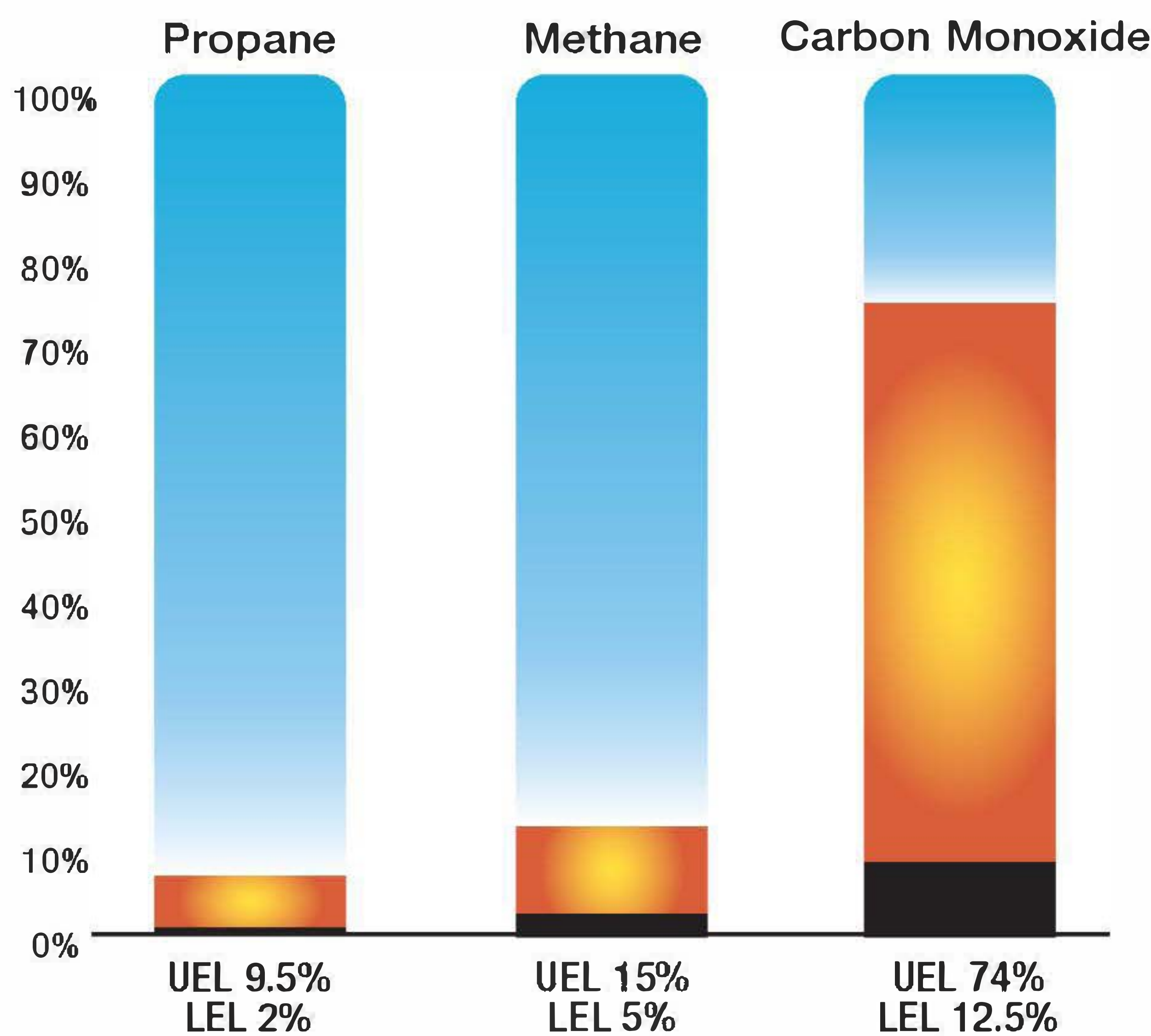


Explosive Range

The mixture of fuel and oxygen that will ignite is different for each specific combustible gas. This critical point, defined as the explosive range, is between the Lower Explosive Limit (LEL) and the Upper Explosive Limit (UEL). Concentrations below the LEL, which is the lowest concentration (air/fuel mixture) at which a gas will ignite, are too lean to burn. Concentrations above the UEL, the highest concentration that will ignite, are too rich to burn.



Note: The terms Lower Explosive Limit (LEL) and Lower Flammable Limit (LFL) are used interchangeably, as are Upper Explosive Limit (UEL) and Upper Flammable Limit (UFL.)