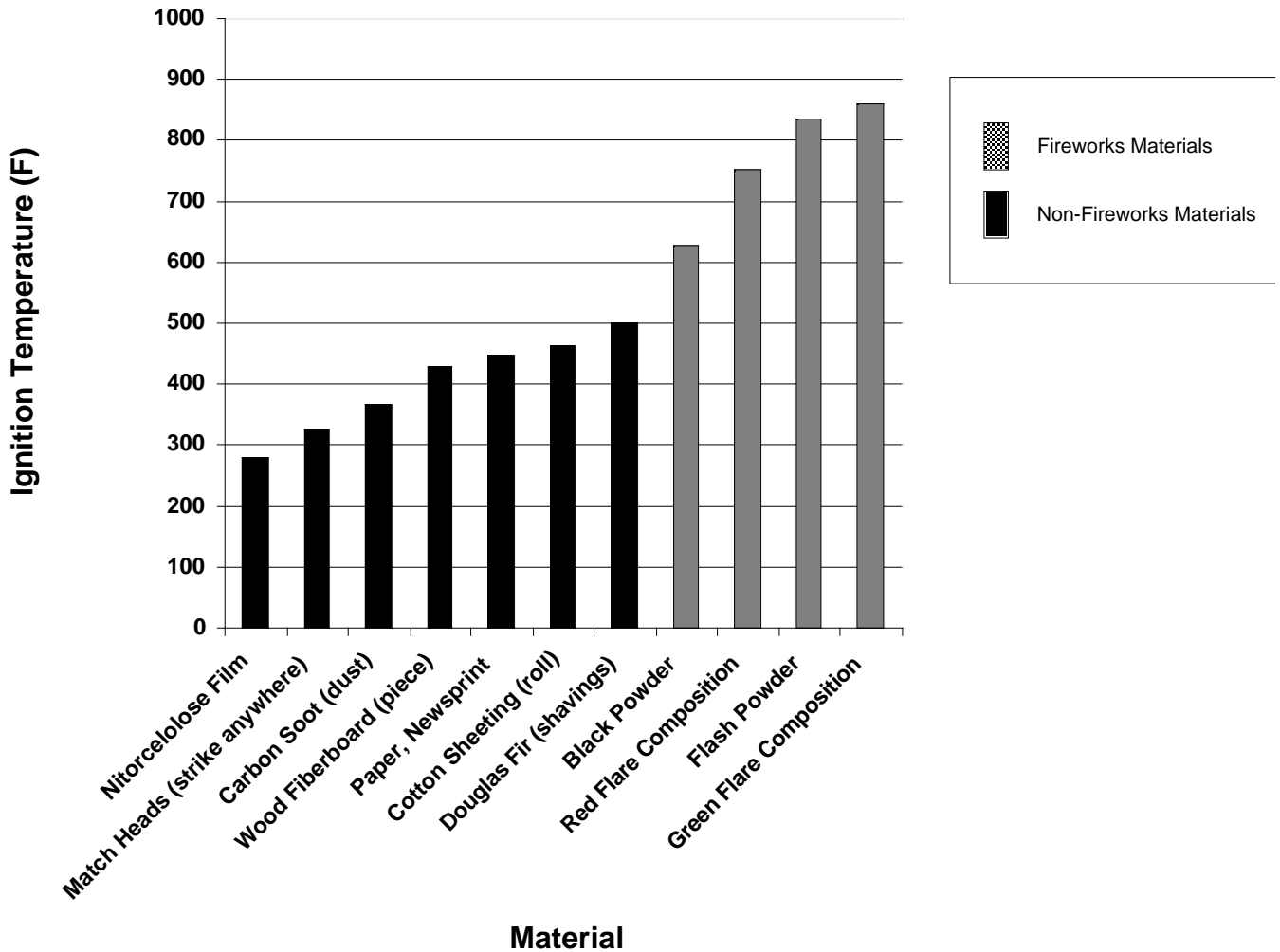


Ignition Temperatures of Various Common Materials

The following data demonstrates that the chemical mixtures found in fireworks are less prone to ignite if heated than are many common materials found in retail stores, warehouses, and homes.



Sources:

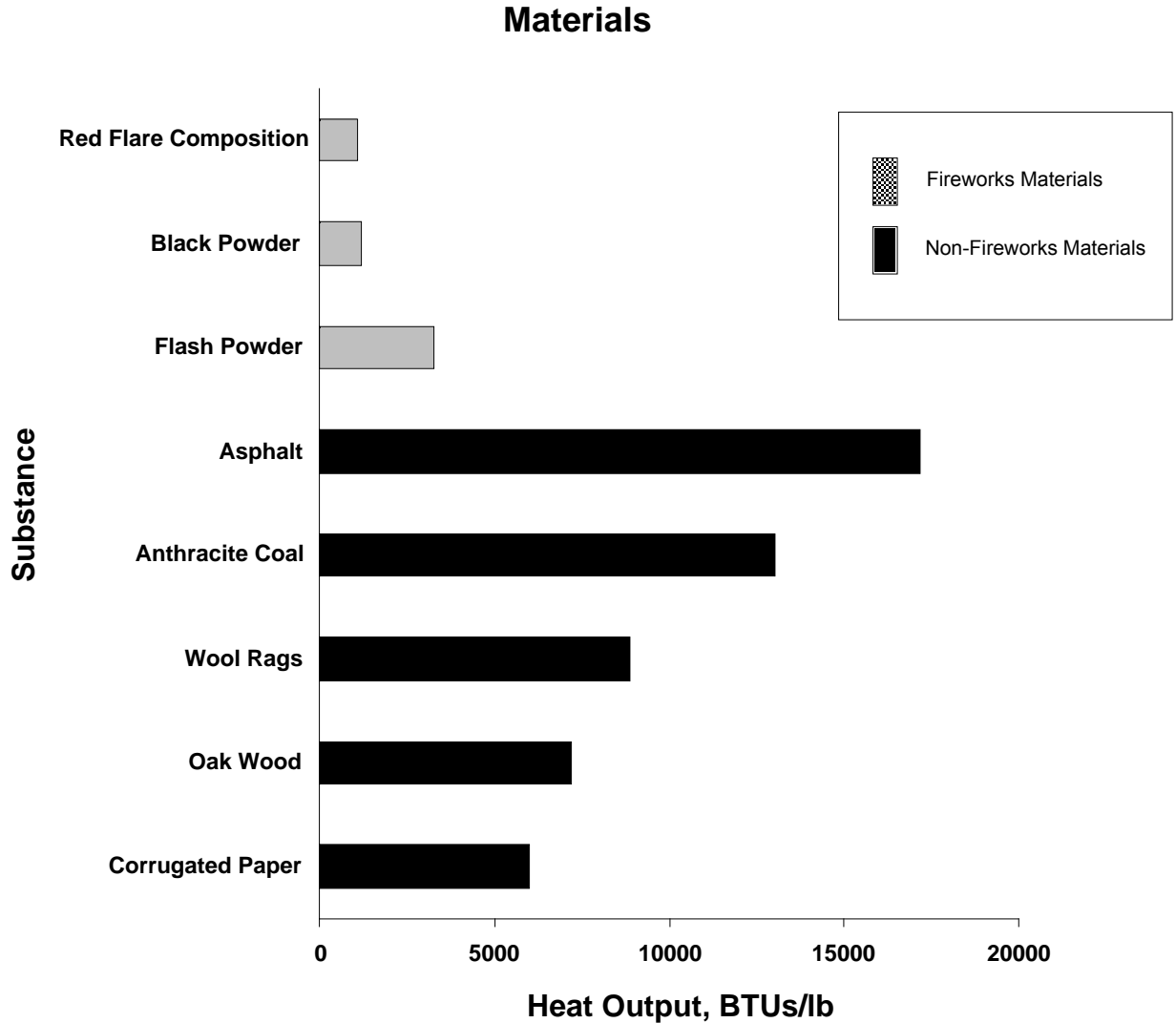
R.L. Tuve, principles Of Fire Protection Chemistry, National Fire Protection Association, Boston, 1976.

J.A. Conkling, Chemistry of Pyrotechnics, Marcel Dekker, Inc., New York, 1985.

Information courtesy of the American Pyrotechnics Association

Heats of Combustion of Common Materials

Fireworks compositions produce heat when they burn, but the heat that is generated is considerably less, per pound, than that produced by many other common materials.



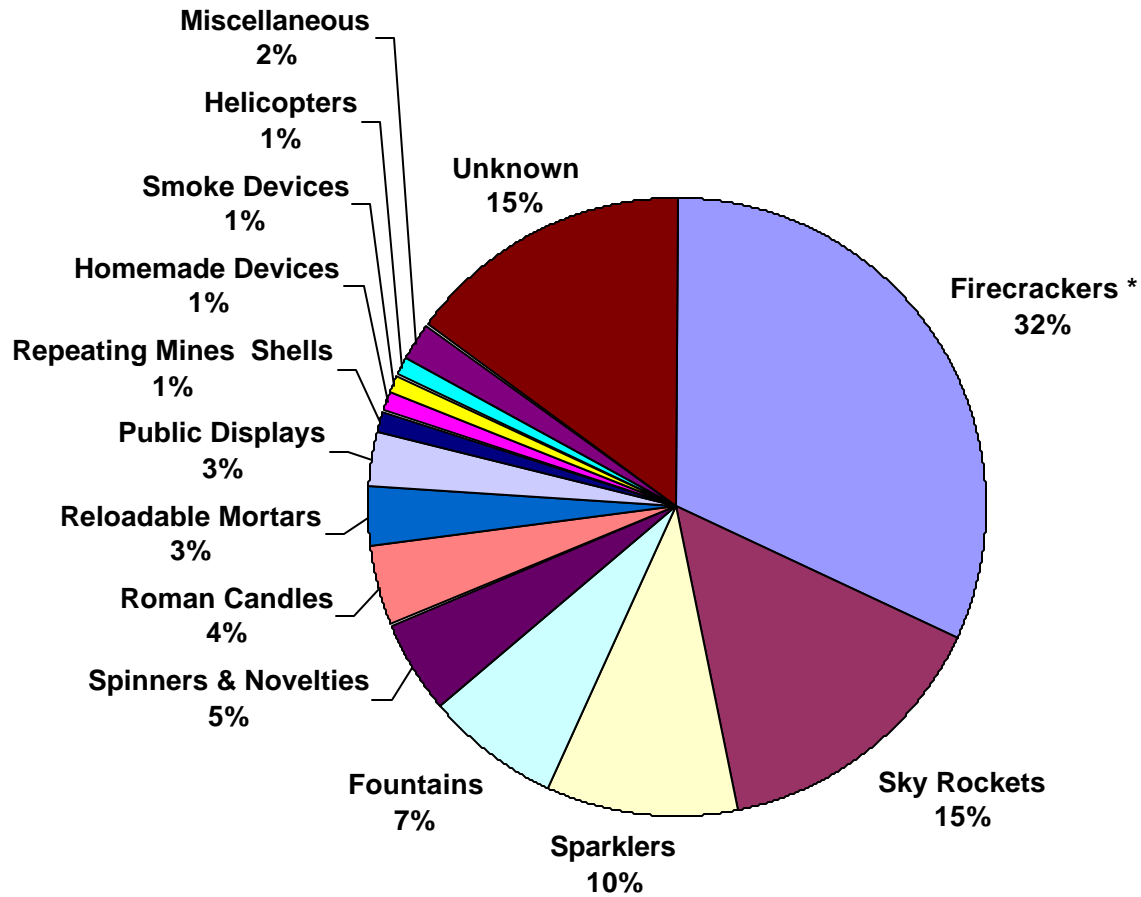
Sources:

R.L. Tuve, principles Of Fire Protection Chemistry, National Fire Protection Association, Boston, 1976.

J.A. Conkling, Chemistry of Pyrotechnics, Marcel Dekker, Inc., New York, 1985.

Information courtesy of the American Pyrotechnics Association

Fireworks Injuries by Type of Device



* Illegal Firecrackers represent 42% of all Firecracker injuries.
Source: American Pyrotechnics Association