



## Self Combustion Data

### The following are the approximate ignition temperatures of some solids

Douglas Fir (Wood)	536 F (280 C)
Wood (General)	536 F – 644 F (280 – 340 C)
Cork	572 – 608 F (300 – 320 C)
Straw	482 – 572 F (250 – 300 C)
Peat	446 F (230 C)
Hay	500 – 590 F (260 – 310 C)
Grain	482 – 608 F (250 – 320 C)
Charcoal	572 F (300 C)
Coal	464 – 536 F (240 – 280 C)
Plastics	392 – 572 F (200 – 300 C)
Sulfur	482 F (250 C)
Phosphorus Red	572 F (300 C)
Match Head	176 (80 C)

### The following are approximate ignition temperatures and flashpoints of some liquid fuels

<u>LIQUID</u>	<u>FLASH POINT</u>	<u>IGNITION</u>
Bitumen	401 F (205 C)	752 F (400 C)
Tar	194 F (90 C)	1112 F (600 C)
Acetic Acid	104 F (40 C)	860 F (460 C)
Engine Oil	176 F (80 C)	
Lubricating Oil	257 F (125 C)	932 F (500 C)
Petroleum	140 F (60 C)	671 F (355 C)
Turpentine Oil	97 F (36 C)	491 F (255 C)

The technical data presented are indicative of representative properties and are intended as a specification guide only. No warranties are expressed or implied as application conditions are beyond our control.