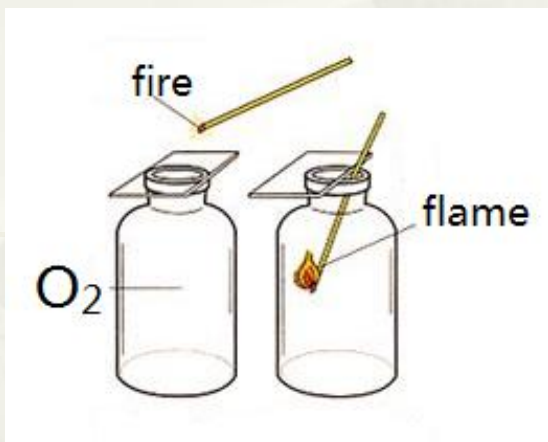


Combustion and Fire Suppression



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Three necessary factors

1 Flammable matter

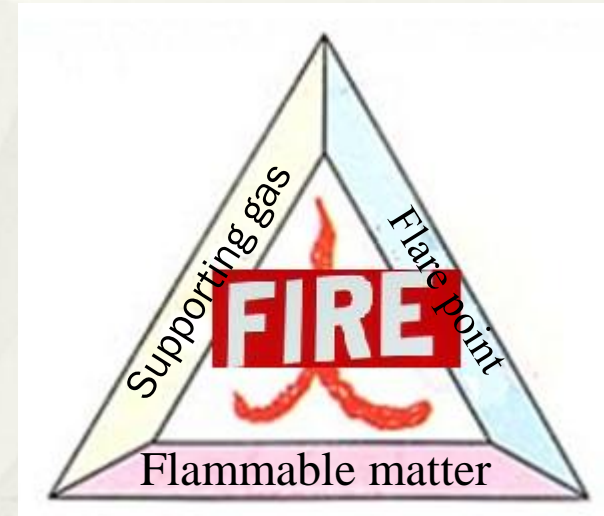
paper, woods, hydrogen gas, etc.
(fundamental factor)

2 Supporting gas

Oxygen ~ affects the degree

3 Flare point

temperature ~ **high enough**



How to put out a fire

1

move out flammable matter

2

decrease the temperature

3

cut off the feed of supporting gas



fire extinguisher



Question time

?

White phosphorus has a low Flare point of 40°C , **why we put white phosphorus in the water to preserve it?**

a

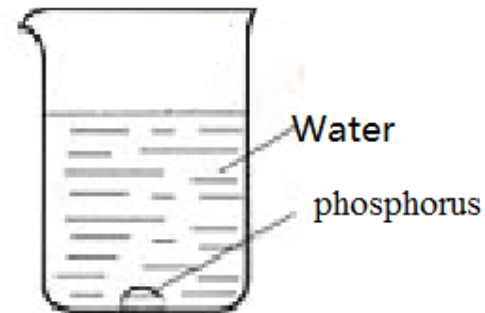
It would not be flammable under water;

b

There is no enough oxygen in the water;

c

It would not reach Flare point under water.



The best choice is B

