

## **Hydrogen – First Aid and Emergency Response**

Hydrogen is the colourless, odourless, extremely flammable and reactive gas. It is the lightest of all the elements in the universe.

### **FIRST AID:**

Remove victim(s) to a safe location.

Trained personnel should administer supplemental oxygen and/or cardiopulmonary resuscitation, if necessary.

In case of frostbite, place the frostbitten part in warm water.

DO NOT USE HOT WATER. If warm water is not available, or is impractical to use, wrap the affected parts gently in blankets.

Alternatively, if the fingers or hands are frostbitten, place the affected area of the body in the armpit.

Encourage victim to gently exercise the affected part while being warmed.

Seek immediate medical attention.

### **EMERGENCY RESPONSE:**

Evacuate immediate area.

Eliminate any possible sources of ignition, and provide maximum explosion proof ventilation.

Shut off source of hydrogen, if possible. If leaking from cylinder, or valve, call the Air Products' emergency phone number.

The presence of a hydrogen flame can be detected by approaching cautiously with an outstretched straw broom to make the flame visible.

Proper protective equipment should be used.