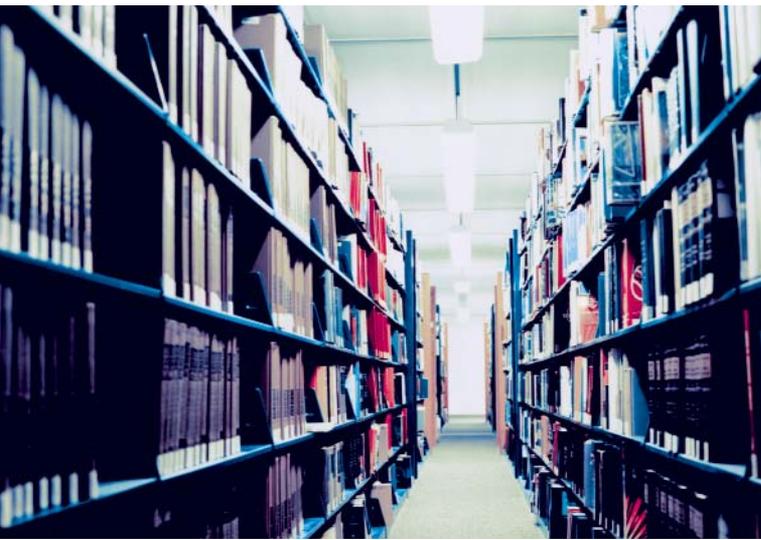


Sapphire™

Fighting fire to protect your
environment and the world's





A unique sustainable agent that fights fires without causing damage to your business or the environment.

Applications

Sapphire™ systems are ideal for use in areas where there is high-value equipment which cannot be shut down in an emergency, or where personnel are hard to evacuate. This means Sapphire™ can go to work straight away, saving valuable seconds when time is of the essence.

Typical applications include:

- Telecommunication switch rooms
- Computer and electronic control rooms
- Data processing centres
- Vaults/tape storage
- Marine vessels
- Critical military systems/vehicles
- Hospitals
- Museums
- Libraries

When fire swept through a major US public library in 1986, several important collections, including many irreplaceable volumes, were destroyed — nearly \$15 million worth of damage. In all, some 400,000 books were lost to fire; 600,000 were damaged by smoke.

A further 700,000 were ruined by the water used in fighting the fire.

It's a common problem — water can have as damaging an effect on fragile items and sensitive equipment as fire itself.

Using the revolutionary 3M™ Novec™ 1230 Fire Protection Fluid, Wormald has developed the Sapphire™ Fire Suppression System. Sapphire™ uses a unique sustainable chemical agent that fights fires without causing damage, making it ideal for protecting sensitive equipment, works of art and irreplaceable artefacts — as well as people.

How does it work? Although stored in liquid form, it quickly vaporizes when released to flood the protected space and extinguish the fire by absorbing heat.

It looks exactly like water, but does not cause the type of damage usually associated with water when putting out a fire.

And unlike halo-carbon agents it's not controlled by environmental restrictions so once the fire is out you can get back to business.



No need to worry about
AGO controls causing
business interruption with
Sapphire™

Strict legislation from the Australian Greenhouse Office (AGO) controlling Synthetic Greenhouse Gases (SGGs) has placed new pressure on the fire protection industry to develop environmentally friendly fire protection solutions that protect people and property at no cost to the environment.

Wormald's Sapphire™ Fire Suppression System, which is now available throughout Australasia, adheres to these new guidelines and unlike chemical agents, will also be exempt from new federal regulations being prepared by the AGO for the end use controls on purchase, sale handling and disposal of chemical agents & gases.

Under this new legislation, all chemical agents are declared controlled substances. This means that businesses will now be obligated to use a licensed person to design, install, inspect, test and refill halo-carbon systems or be in breach of the legislation. In addition, the discharge of the halo-carbon system requires a full report to the AGO.

With zero ozone depletion potential, short atmospheric lifetime and a global warming potential of 1, Sapphire™ offers not only a viable, long-term, sustainable solution for fire protection but also reduced risk of business interruption due to AGO controls.

FACT: Unlike chemical agents which last in the atmosphere for more than 33 years, Sapphire™ only has an atmospheric lifetime of 5 days.



Protecting
people, property
and business
continuity



*FACT: The Sapphire™
Fire Suppression
System will extinguish
Class-A and Class-B
fires in seconds.*

In fire protection, a sustainable technology is one that extinguishes fires effectively; is economical to install and maintain; and perhaps most important in today's business climate, offers a favourable environmental, health and safety profile — allowing it to be used both today and in the future with little or no regulatory restriction.

Sapphire™ is noncorrosive, nonconductive and evaporates rapidly, so it will not harm delicate electronics, radar, navigation and other equipment. And, unlike other fire products, it leaves no messy residue to clean up, so systems can remain operational.

Upgrading a fire protection system can be done by integrating your existing system's control equipment with the Sapphire™ Suppression System.

And because fire protection systems are typically built into an infrastructure intended to last for years, it makes sense to choose one that offers more years of service and lower cost-in-use. Sapphire™ will help you protect people, property and your company's economic well-being for years to come.

SAPPHIRE™
SUPPRESSION SYSTEMS

WORMALD
"PROTECTING PEOPLE & PROPERTY"

Available at Wormald
Telephone 133 166
Email firesafety.au@tycoint.com
www.wormald.com.au

A **tyco** COMPANY