

# TRANSPORTATION AND ENGINEERING

# DSPA.uk

## DRY SPRINKLER POWDER AEROSOL

DSPA is a revolutionary fire extinguishing technology that:

- is activated electronically, thermally or manually
- is non-corrosive and non-conductive
- functions in a large temperature range
- is not stored under pressure
- requires no water
- keeps oxygen levels intact
- is harmless to humans and animals
- is environmentally friendly.

DSPA has been installed in a wide range of vehicles used in construction and transportation with no requirement for pipework. The units are easily and economically installed.

### These companies have benefited from DSPA installations:

Caterpillar (Austria) | DAF Trucks/Paccar (Holland) | Schöma Lokomotiven (Germany) | JCB (UK) | e-Traction Europe (Holland) | SBB Immobilien (Swiss Railway) | ANWB Den Haag (Dutch AA)

### The DSPA fixed installation range for mission critical applications



For technical specifications on DSPA products and accreditations please visit: [www.dspaltd.com/downloads](http://www.dspaltd.com/downloads)

DSPA units being installed into the battery compartments of people carriers. Any short circuits in the battery terminals producing sparks or flames will activate the Thermo cord which will in turn activate the DSPA unit.

## Why use DSPA as a solution for fixed installation fire suppression?

### More effective than Halon

- Cost effective
- Non-toxic, non-corrosive
- Certified

### No pressurised storage

- No leaks, no refills
- Safe to transport and install
- Suitable for hard-to-reach areas

### No mechanical moving parts

- High reliability
- Minimum maintenance
- Stand-alone or integrated systems

### No pipe work nor nozzles, manifolds or distribution hardware

- Easily installed, can be retro-fitted
- Discrete

### No need for mains power supply

- Battery operated
- Will work with most fire alarm systems

**For mission critical applications there simply is no better, or more logical choice**



*"DSPA technology is the perfect solution for fire protection in tunnel construction. In these environments smoke detectors are impractical, but the Thermo cord – activated only by sparks or flames – provides an infallible means of triggering the DSPA's fire suppression units.*

*Furthermore, as DSPA requires no fixed pipe work it is extremely portable, this is a significant advantage in protecting the drilling machine, control panels and extraction plant against the ever present fire risks as the excavation proceeds."*

**Peter Graf, Fiprotech AG (Switzerland)**



DSPA is being used as the preferred choice of fire suppression in the construction of the NEAT AlpTransit Gotthard Base Tunnel – at 57km, it will be the longest railway tunnel in the world. The photograph to the left shows DSPA units installed by the generator of one of the tunnel drilling machines.

DSPA has been used as fire protection in the construction of the following tunnels:

- Arge LF Moos (drinking water tunnel) Zurich
- Limberg II (pump storage facility) Kaprun, Austria
- Arge ATUS, Switzerland

DSPA has also been used by the following companies; Wirth, Schöma and Hinteregger & Söhne on projects in Austria, Germany, Italy and Switzerland.



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