



TECHNICAL DATA SHEET

FIREBLOCK LITHIUM

PRODUCT AND ADDICTIVES

Potassium polyacrylate
Montmorillonite
Quartz
Mica
Stabilizers
Thickening agents

PRODUCT DESCRIPTION

FIREBLOCK LITHIUM is a fire retardant / suppressant. Supplied in a gel form, for the use in Fire extinguishers that are used for the fighting and controlling lithium fires through safe and nontoxic chemical means. FIREBLOCK LITHIUM is polymer based product with high bonding properties so that it will stick to surfaces protecting them from fire.

PRODUCT BENEFITS

Suitable for the use in most fire suppression systems and fire extinguishers.
Highly concentrated
Provides a layer on the lithium batteries that reduces the heat to a point that the fire is extinguished.
More effective than the use of water
Requires less product to extinguish a fire compared to extinguishing the fire with water.
Extinguishes fires quick and easily.
Prevents fire from reigniting
Nontoxic and safe for people and animals

SHELF LIFE

FIREBLOCK LITHIUM is hygroscopic and absorbs moisture. Keep sealed and store in a cool dry place
3 years shelf life

PHYSICAL PROPERTIES

Odourless, Green colour gel.

HEALTH AND SAFETY

Safe and nontoxic to use
Wash with large quantities of water if ingested or have contact to eyes or skin.
See MATERIAL SAFETY DATA SHEET

PACKAGING

FIREBLOCK LITHIUM is available in the following packing:
25kg containers.
1000kg Flow bins

APPLICATION:

For the use in Fire Extinguishers.

THEORETICAL COVERAGE

Depends on how thick you spray the gel.

SERVICE EQUIPMENT

Service Extinguisher immediately after use.

CLEANING OF ITEMS SPRAYED

Spray clean water on to any item sprayed with FIREBLOCK LITHIUM that you wish to remove the gel from.

OTHER INFORMATION

DATA ARE TYPICAL OF OUR NORMAL PRODUCTION AND ARE SUBJECT TO NORMAL VARIATION. THEY SHOULD NOT BE TAKEN AS A BINDING SPECIFICATION.

DIRECTIONS

After extinguishing the lithium batteries, leave the gel on the batteries until the smoke dissipates and batteries cooled down enough to dispose of.