

# PYROFLOW

ACTIVE FIRE SUPPRESSION GRANULES

**FIRECHIEF®**  
making the world a safer place

Mineral-based fire fighting agent for  
metal fires and Lithium-ion batteries

MODEL:  
**PFA17 (17KG)**

- Can be used to fight and suppress fires in Lithium-ion battery cells and flammable metals
- A mineral-based suppression agent that is non-toxic and eco-friendly
- Will effectively smother and suppress fires including those involving Lithium-ion batteries
- Effectively binds liquids and filters gases



FINE GRANULATE: 0.25-0.5MM



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# PYROFLOW

## ACTIVE FIRE SUPPRESSION GRANULES

### Mineral-based fire fighting agent for metal fires and Lithium-ion batteries

Firechief PyroFlow is a new and environmentally friendly suppression agent made from expanded glass granulate. It can be used for firefighting and preventative fire protection. It contains tiny internal pores which form a partially closed cell structure. Since the granulate is 100 % mineral based, it is non-combustible.

### How does Firechief PyroFlow work?

By covering the fire load with Firechief PyroFlow, oxygen is separated from the combustible material. Firechief PyroFlow melts to form glass caused by the high temperatures as released by such an incident. In the process, the granules absorb a lot of heat as they melt, thus cooling the fire, and at the same time forming an impermeable shell around the fire load, encapsulating it from further reaction.

### USER GUIDE FOR FIRE FIGHTING

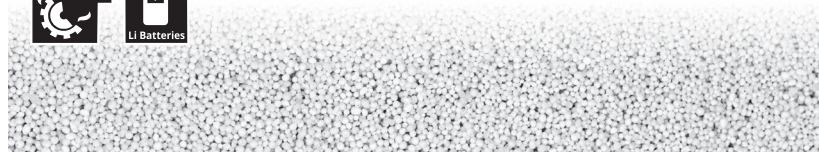
- Step 1** - Only approach the battery/source of fire if considered safe to do so. Battery fires are unpredictable and can lead to uncontrolled explosions and projectiles.
- Step 2** - Place entire sealed bags of PyroFlow onto the battery/source of fire. Depending on the size of the fire, start by placing bags around the battery/source of fire, starting at the edge. Continue to add bags to completely cover the battery/source of fire.
- Step 3** - More bags may be required should further flaring or re-ignition occur.
- Step 4** - Do not uncover the fire until professional fire fighters are in attendance.

### CAUTION

- Always follow the recommendations of a suitable and sufficient fire risk assessment.
- The use of suitable personal protective equipment is advised, including safety glasses and heat resistant/protective gloves.
- In situations resulting in high levels of dust concentration, the use of FFP2 particle filtered protective mask or similar is recommended.
- Protect against humidity in storage.
- Disposal - contact a specialist waste contractor. Avoid discharge to waste water.
- Avoid contact with eyes, skin and clothes.

### FIRST AID MEASURES

- Inhalation: supply fresh air immediately. Seek medical attention if irritation to the respiratory tract persists.
- Skin contact: wash off with soap and water and rinse thoroughly.
- Eye contact: remove contact lenses. Hold eye open and rinse slowly and gently with water for 15-20 mins, including under the eye lid. Seek medical attention if necessary.
- Ingestion: clean mouth thoroughly with water and drink plenty of water (200-300ml) in small sips. Avoid vomiting. If symptoms arise and persist, seek medical attention.



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Scan for more information

### Specifications

|                     |                          |
|---------------------|--------------------------|
| Model               | PFA17                    |
| Product code        | 142-1001                 |
| Grain size (mm)     | 0.25 - 0.5               |
| Content weight (kg) | 17                       |
| Bag material        | Plastic                  |
| Bag dimensions (mm) | 800(h) x 400(w) x 150(l) |
| Pallet qty          | 30 bags                  |

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