

Features

- A mineral based suppressant granule that is non-toxic and eco-friendly
- Can be used as a thermally stable packaging filler when Lithium-ion batteries are present
- Will smother, suppress and encapsulate Lithium-ion batteries in the event of thermal runaway
- Effectively binds liquids and filters gases

RS PRO Fire Suppressant Granule

RS Stock No.: **0327541**



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

Mineral-based fire suppression 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 preventative fire protection and firefighting where Lithium-ion batteries are present. The small, lightweight spheres consist of foamed recycled glass containing tiny internal pores, forming a partially closed cell structure. Since the granulate is 100 % mineral based, it is non-combustible.

How does Firechief PyroFlow work?

By using Firechief PyroFlow as a packaging media, in the event of a battery fire 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.

General Specifications

Product code	0327541
Model	PFP12
Grain size (mm)	1-4
Content weight (kg)	12
Bag material	Paper
Bag dimensions (mm)	800(h) x 400(w) x 150(l)
Pallet qty	30 bags

Similar Products

Stock No.	Brand	Product Name
0327542	RS PRO	Pyroflow Active Fire Suppression Granules

USER GUIDE FOR TRANSPORT & STORAGE APPLICATIONS

- Ideal for use as a packaging media as part of a fire risk mitigation strategy to delay the spread of Lithium-ion battery fires
- Recommended for use with fireproof or specialist containers
- Position batteries and/or battery devices centrally to ensure a sufficient layer of Pyroflow granules on all sides
- Consider placing new or in-life batteries within a sealed container prior to immersion in granules to prevent dust ingress or surface scratching
- Where batteries and/or devices are packaged in combustible materials, a sufficiently thick layer of granules should be used to provide adequate material around any secondary packaging
- In the event of fire, contact the emergency services and do not approach or open containers, as projectiles may form during release of extreme heat

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 wastewater.
- 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.