

Safety Data Sheet

FIRECOAT Exterior

1. Identification

GHS product identifier
FIRECOAT Exterior

Previously called: Mech Paint, FSI Paint

Company name
Flame Security International

Address
Level 5, Chemical Science Building F10
University of New South Wales
Kensington 2052 Australia

Telephone number
1300 479 582 (Australia)
+46 705 542 540 (Sweden)

Emergency telephone number
Australian Poisons Information Centre: 131 126.
Swedish Poisons Information Centre: 112 (Emergency only). For general questions: 010-456 6700.

Recommended use of the chemical and restrictions on use
Water-based intumescent paint for both interior and exterior timber protection.

2. Hazard identification

GHS classification of the substance/mixture
Not classified as Dangerous Goods according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) as specified by Safe Work Australia.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

3. Composition / information on ingredients

Chemical Entity	CAS No.	Proportion
Ingredients determined to be non-hazardous or below reporting limits	N/A	100% w/w
		<hr/> 100 %

4. First-aid measures

Ingestion

Do not induce vomiting. Wash out mouth thoroughly with water. Seek medical attention.

Inhalation

Move to fresh air. Keep at rest until recovered. If symptoms develop and/or persist seek medical attention. If not breathing, give artificial respiration.

Skin contact

Wash off with plenty of water. If symptoms develop seek medical attention.

Eye contact

Hold eyelids open and irrigate with flowing water for AT LEAST 15 minutes. Remove contact lenses. If symptoms develop and/or persist seek medical attention.

Advice for medical professionals

Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use an extinguishing agent suitable for the surrounding fire.

Specific hazards

Non-flammable. May evolve carbon oxides, hydrocarbon and ammonia when heated to decomposition.

Fire-fighting procedures

Treat as per requirement for surrounding fires. Evacuate area and contact emergency services. Wear full protective equipment (Turnout Gear) and a self-contained breathing apparatus.

6. Accidental release measures

Spillage

Wear appropriate PPE (see section 8) to prevent contact with skin and eyes. Prevent product from entering drains and waterways. Contain the spill and cover with inert inorganic absorbent material. Collect material and place in suitable labelled containers. Dispose of waste containers in accordance with local, state, and national regulations. Clean up residue with water. Avoid release into waterways and rains.

Caution: surfaces may be slippery.

7. Handling and storage

Storage

Store out of direct sunlight in a cool, dry well-ventilated area away from foodstuffs, incompatible substances, heat, or ignition sources and out of reach of children. Ensure containers are adequately labelled, protected from physical damage, and sealed when not in use.

Handling

As a general precaution, avoid contact with skin and eyes. Wear PPE as detailed in section 8. Avoid eating, smoking, or drinking in work area. Wash hands after use. Remove contaminated clothing and PPE before entering eating areas.

8. Exposure controls and personal protection

Exposure controls

Substance with an exposure limit: No known exposure limit.

Use only in well-ventilated areas. Avoid prolonged or repeated skin exposure. Avoid contact with eyes.

Personal protective equipment (PPE)

Eye protection: Safety glasses or goggles meeting the requirements of AS 1336 and AS1337.

Respiratory protection: When spraying, use respiratory protection with half or full mask with P2 dust filter to protect against spray mists.

Skin protection: Work clothes, gloves made of PVC or rubber meeting the requirements of AS 216 and covered shoes.

9. Physical and chemical properties

Property	Description	Property	Description
Appearance	Light grey	Odour	Mild
pH	Not available	Relative density	1.23
Boiling point	Not available	VOC	Not available
Viscosity	Not relevant	Decomposition temperature	Not available
Flash point	Not relevant	Auto-ignition temperature	Not available
Upper/lower explosion limit	Not relevant	Partition coefficient: n-octanol/water	Not available
Solubility (water)	Soluble	Evaporation rate	Not available
Vapour density	Not available	Vapour pressure	Not available

10. Stability and reactivity

Reactivity

Polymerisation is not expected to occur.

Chemical stability

Stable at ambient temperature.

Conditions to avoid.

Extreme heat.

Materials to avoid.

Incompatible/reactive with strong acids, strong bases, strong oxidising agents, heat and ignition sources.

Hazardous decomposition products

Carbon oxides, hydrocarbons, and ammonia.

11. Toxicological information

Acute toxicity

There are no data available on the mixture itself.

Eye

Non-irritant - independently tested at Eurofins IR02p-72-1 using non-animal *in vitro* testing (UN GHS/EU CLP Classification).

Inhalation

There are no data available on the mixture itself.

Skin

Non-irritant – independently tested at Eurofins IR02p-73-1 using non-animal *in vitro* testing.

Ingestion

There are no data available on the mixture itself.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive

Not available.

12. Ecological information

No ecological information is available for this product. Entry of product into waterways should be avoided.

13. Disposal considerations

Containers should be emptied as completely as practical before disposal. If possible, containers should be recycled.

Unused product should be collected by a licenced disposal company.

14. Transport information

Land transport

Not classified as Dangerous Goods by the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail.

Air transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association Dangerous Goods Regulations.

Marine transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code).

15. Regulatory information

This material is not subject to the following international agreements:

- Montreal Protocol (Ozone depleting substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)
- Basel Convention (Hazardous Waste)
- International Convention for the Prevention of Pollution from Ships (MARPOL)

Standards for the Uniform Scheduling of Poisons (SUSMP)

Not classified as a Scheduled Poison according to SUSMP.

Australian Inventory of Industrial Chemicals (AIIC)

All components of this product are listed on or exempt from the AIIC in accordance with the Australian Industrial Chemicals Introduction Scheme (AICIS).

16. Any other relevant information

Date of preparation

Last revised 14 August 2024.

This Safety Data Sheet (SDS) provides key information to facilitate the safe handling of the product, particularly in the workplace. This information is compiled according to the SDS Guidelines of Safe Work Australia and is aligned with The European Chemicals Agency Guidelines (ECHA). All information is accurate at the updated date shown on the document. While every care is taken to provide accurate handling information, Flame Security International Pty Ltd cannot control the conditions under which the product is used and so cannot take responsibility for any damages of any nature resulting from its use. Always read the safety information before handling any product.