

## Safety Data Sheet

# FSI-Paint

### 1. Identification

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**GHS product identifier**

FSI-Paint

**Company name**

Flame Security International

**Address**

University of New South Wales, Chemical Sciences Building F10, Level 5  
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

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**GHS classification of the substance/mixture**

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.  
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (Edition 7.6).

### 3. Composition / information on ingredients

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This product does not contain any substance classified as hazardous to health and environment.

## 4. First-aid measures

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### **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

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### **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

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### **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

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### 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

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

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### 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

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Property	Description	Property	Description
Appearance	Light grey	Odour	Mild
pH	Not available	Relative density	1.3
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

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## 10. Stability and reactivity

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### 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

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### Acute toxicity

There are no data available on the mixture itself.

### Eye

Non-irritant.

### Inhalation

There are no data available on the mixture itself.

### Skin

Non-irritant.

### Ingestion

There are no data available on the mixture itself.

### Mutagenicity

Not available.

### Carcinogenicity

Not available.

### Reproductive

Not available.

## 12. Ecological information

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

## 13. Disposal considerations

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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

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### **Land transport (ADG)**

Not regulated for transport of dangerous goods.

### **Air transport (ICAO-IATA / DGR)**

Not regulated for transport of dangerous goods.

### **Sea transport (IMDG-Code / GGVSee)**

Not regulated for transport of dangerous goods.

### **Transport in bulk according to Annex II of MARPOL and the IBC code**

Not applicable.

## 15. Regulatory information

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### **Standards for the Uniform Scheduling of Poisons (SUSMP)**

Not classified as a Scheduled Poison according to SUSMP.

### **Australian Inventory of Chemical Substances (AICS)**

All components are listed on AICS.

## 16. Any other relevant information

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### **Date of preparation**

August 2021. Last revised April 2022 v2.



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.