

**Firebreak 303 Intumescent Coating  
Material Safety Data Sheet**

**1. Identification of the preparation and company**

- i) Product Name: Firebreak 303
- ii) Intended Use: Industrial Spraying  
General Industrial Coatings  
Water Based Intumescent Paint
- iii) Supplier: Neutron Fire Technologies Ltd.  
Shire Hall, Lostwithiel, Cornwall PL22 0BS United Kingdom  
Telephone: +44 (0) 1208 871185 Facsimile: +44 (0) 1208 871254

**2. Composition / Information on ingredients**

Name of Substance	Concentration	Symbol	R Phrases
Pentaerythritol.	1-10%		

**3. Hazards identification**

- \* Hazard designation: Void
- \* The Product does not have to be labeled due to the calculation procedure of the "General Classification Guidelines for Preparations of the EU" in the latest valid edition.

**4. First-aid measures**

General

- \* In all cases of doubt, or when symptoms persist, seek medical attention.
- \* If unconscious place in recovery position, give nothing by mouth.

Inhalation

- \* Remove to fresh air.
- \* If breathing is irregular or stopped, administer artificial respiration.

Eye Contact

- \* Immediately irrigate copiously with clean water for at least 10 minutes.

Skin Contact

- \* Remove contaminated clothing.
- \* Wash skin thoroughly with soap and water or recognised skin cleaner.
- \* Do NOT use solvents or thinners.

Ingestion

- \* If swallowed obtain immediate medical attention.
- \* Keep at rest.
- \* Do NOT induce vomiting.

### **5. Fire-fighting measures**

- \* The Product itself is non-combustible.
- \* Closed packages may be cooled with water spray.
- \* Protective equipment: No special measures required.

### **6. Accidental release measures**

- \* Person-related safety precautions: No special measures necessary.
- \* Exclude non-essential personnel.
- \* Contain/collect spillage with non-combustible absorbent materials. Do not allow to Enter drainage system, surface or ground water.

### **7. Handling and storage**

- \* Information for safe handling: No special precautions necessary if used correctly.
- \* Information about protection against explosions and fires: No special measure required.
- \* Information about storage in one common storage facility: Not required.
- \* Further information about storage conditions:  
Store in cool, dry conditions in well sealed containers.

### **8. Exposure controls / Personal protection**

#### Engineering Measures

- \* Provide adequate ventilation.
- \* If ventilation insufficient to maintain concentrations below relevant OEL's, suitable respiratory protective equipment should be worn.

#### Respiratory Protection

- \* Air fed respiratory protection should be worn when product sprayed and exposure of the sprayer cannot be controlled below OEL.
- \* If exposure to dust cannot be avoided by local exhaust ventilation, suitable respiratory protective equipment should be used.

#### Hand, Eye, Skin Protection

- \* Equipment conforming to Use of PPE Regulations should be worn.

**Firebreak 303 Intumescent Coating  
Material Safety Data Sheet**

**9. Physical and chemical properties**

- a) Physical State: Liquid
- b) Colour: White
- c) Odour: Weak, characteristic
- d) Boiling point: Not determined
- e) Flash Point: Not combustible
- f) Specific Gravity: 1.35 g/cm<sup>3</sup>
- g) Solubility in Water: Miscible with Water

**10. Stability and reactivity**

- \* Thermal decomposition / conditions to be avoided:  
No decomposition if used according to specifications.
- \* Dangerous reactions: No dangerous reactions known
- \* Dangerous products of decomposition: No dangerous decomposition products known
- \* Stable under recommended storage and handling conditions
- \* Keep away from oxidising agents, alkali and acid

**11. Toxicological information**

- \* No data available on product itself.
- \* Repeated or prolonged contact may result in non-allergic contact dermatitis.

**12. Ecological information**

- \* Do not allow to enter drains or watercourses.

**13. Disposal considerations**

- \* Product: Recommendation: Remove in accordance with the local official recommendations.

\* European waste catalogue

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
----------	--

- \* Uncleaned Packaging: Recommendation: Disposal must be made according to official regulations.

## Firebreak 303 Intumescent Coating Material Safety Data Sheet

### 14. Transport information

\* Transport/Additional information:

Not a dangerous good in accordance with national and international regulations.

	CDG- CPL	ADR	IMDG
Class Number	NUL	NUL	NUL
Subsidiary Hazard Code	NUL	NUL Neutron Fire Technologies Ltd	NUL
Packing Group	NUL	NUL	NUL
Proper Shipping Name: Not Classified	U.N. Number: Not Classified		

\* Marine Pollutant: No

### 15. Regulatory information

\* Not classified as dangerous according to the requirements of the Chemicals (Hazard Information and Packaging) Regulations 1994.

S23b: Do not breathe spray mist

S51: Use only in well ventilated areas

S24/25: Avoid contact with skin and eyes

### 16. Other information

\* Do not use for purposes other than those shown in Section 1.

\* These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. It is the responsibility of the user to assure himself that the information provided with this material safety data sheet is complete and applicable for his utilization of the product.