Safety Data Sheet

Astro FM Compound

Revision 3 - 17th January 2020
Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: Astro FM Compound
Product code: AFFC

1.2. Relevant identified uses of the substance or mixture and uses advised against

Fire barrier for wall and floor openings with or without services and in compliance with the latest recommendations Astroflame Mortar Installation Manual.

1.3. Details of the supplier of the safety data sheet

Company name: Astroflame (Fire Seals) Ltd.
Intumescent House
Unit 8
The Io Centre
Stephenson Road
Segensworth
Fareham
England
PO15 5RU
Tel: 01329 844 500
Fax: 01329 844 600
Email: sales@astroflame.com

1.4. Emergency telephone number

Emergency tel: 01329 844 500 (office hours only)

Section 2: Composition / information on ingredients.

2.1. Chemical description

Controlled blend of accelerated calcium sulphate, calcium hydroxide, expanded perlite aggregate and limestone flour with organic additives. MEL/OEL

Calcium hydroxide: Less than 2% wt 5mg/m³

2.2. Hazardous ingredients

Not applicable

Section 3: Hazard identification

Astroflame Mortar has no hazard classification according to 88/379/EEC. Addition of water to all similar products that contains lime release alkalis which may cause irritation to the skin and eyes.

Respirable dust from any fine powders could, if inhaled over a prolonged period, constitute a health hazard. The current Occupational Exposure Standards for the above dust should not be exceeded. Ingress into waterways may cause discolouration. BOD may be harmful to aquatic organisms.
### Section 4: First aid measures

#### 4.1. Eye contact
Wash out with plenty of clean water or sterile eye solution.

#### 4.2. Skin contact
No acute symptoms. Wash off with soap and water. If eye or skin irritation persists seek medical advice.

#### 4.3. Ingestion

#### 4.4. Inhalation
Symptoms: Choking, coughing, dizziness. Remove to fresh air. Seek medical advice.

### Section 5: Fire-Fighting measures

#### 5.1. Extinguishing media
Is not flammable therefore not applicable.

#### 5.2. Fire and explosion hazards
Not applicable

#### 5.3. Protection measures
Not applicable

### Section 6: Accidental release measures

#### 6.1. Personal precautions
Prevent ingress into drains and waterways, as this can cause permanent blockage. Spillage should be contained.

#### 6.2. Environmental precautions
Not applicable.

#### 6.3. Cleaning up
Not applicable.

### Section 7: Handling and storage

#### 7.1. Storage
Ideally between 5 and 25°C and indoors above ground in dry well ventilated conditions are recommended.

#### 7.2. Recommended shelf life
Six months is a normal accepted limit.
Section 8: Control parameters/personal protection

8.1. Occupational exposure limits
Not applicable.

8.2. Engineering measures
Not applicable.

8.3. Personal protective equipment
Overalls, Gloves (PVC), Goggles (to BS2092) and Respiratory Devices (to BS2091).

9: Physical and chemical properties

9.1. Appearance
Off white free flowing powder

9.2. Odour
N/A

9.3. pH
Alkaline

9.4. Viscosity
N/A

9.5. Freezing point
N/A

9.6. Freeze thaw recovery
N/A

9.7. Boiling point
N/A

9.8. Melting point
N/A

9.9. Flash point
N/A

9.10. Auto-flammability
N/A

9.11. Explosive properties
Non-combustible to BS 476 Part 4
Section 10: Stability and reactivity

10.1. Stability
Not Applicable

10.2. Conditions to avoid
Not Applicable

10.3. Materials to avoid
Not Applicable

10.4. Recommended materials for equipment
Not Applicable

10.5. Hazardous decomposition products
Not Applicable

Section 11: Toxicological information

11.1. Short term effects

Eye contact : Not Applicable.
Skin contact : Not Applicable.
Ingestion : Not Applicable.
Inhalation : Not Applicable.

11.2. Chronic effects
Not Applicable
Section 12: Ecological information

Astroflame Mortar is miscible with water and likely to be transported as milky dispersion to considerable distance if allowed to ingress into water. Also, the product will set hard to cause permanent blockage.

The mortar in powder or set form is not biodegradable and in water becomes alkaline. Biological oxygen demand for other components may be harmful to aquatic organisms.

Section 13: Disposal considerations

Dry or wet mortar is not classified as hazardous waste. Any waste from dry powder, wet mix or set mortar can be separated from any other waste for landfill or incinerating. Observe Local and National Regulations regarding waste disposal.

Section 14: Transport information

14.1. Packaging

Astroflame Mortar is not classified as hazardous for transport.

14.2. Freight classification

Not Applicable.

Section 15: Regulatory information

15.1. C.P.L classification

Not Applicable.

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<th>Hazard pictogram</th>
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<td>Risk phrases</td>
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<td>Safety phrases</td>
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Section 16: Other information

Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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