

**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY.**

1.1 CHEMICAL PRODUCT. ASTROflame Intumescent Fibre Free Mastic (**ASTRO-MASTIC**)

1.2 APPLICATION. Fire barrier for wall and floor openings with or without services.

1.3 COMPANY IDENTIFICATION.

Astroflame (Fire Seals) Ltd.  
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Unit 8 The IO Centre  
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1.4 EMERGENCY TELEPHONE NUMBER. 0800 023 2482

**2. COMPOSITION / INFORMATION ON INGREDIENTS.**

2.1 CHEMICAL DESCRIPTION.

Water based mastic of a vinal acetate - acrylate emulsion with inert ablative fillers and stabilisers.

2.2 HAZARDOUS INGREDIENTS.

Vinyl Acetate: Less than 2% wt.

Poly-acrylate: Less than 0.004% by wt.

Fungicide: 700 ppm by wt.

**3. HAZARD IDENTIFICATION.**

On available data, ASTROflame Fibre-free Mastic has no hazard classification according to 88/379/EEC.

May cause soreness if product enters the eyes. Repeated or prolonged skin contact may cause defatting and lead to irritation.

Ingress into waterways may cause discolouration. BOD may be harmful to aquatic organisms.

**4. FIRST AID MEASURES.**

4.1 EYE CONTACT.

Wash out with plenty of clean water or sterile eye wash solution.

4.2 SKIN CONTACT.

Wash off with soap and water. If eye or skin irritation persists seek medical advice.

#### 4.3 INGESTION.

Give water to drink. Seek medical advice.

#### 4.4 INHALATION.

Remove to fresh air. Seek medical advice.

### **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.

### **6. ACCIDENTAL RELEASE MEASURES.**

#### 6.1 PERSONAL PRECAUTIONS.

Not applicable.

#### 6.2 ENVIRONMENTAL PRECAUTIONS.

Prevent ingress into drains and waterways, as this can cause permanent blockage.

#### 6.3 CLEANING UP

Spillage should be contained and disposed of safely.

(See section - 13)

### **7. STORAGE AND HANDLING**

#### 7.1 STORAGE.

Ideally between 10 and 30°C and indoors in dry well ventilated conditions are recommended.

#### 7.2 RECOMMENDED SHELF LIFE.

Can be indefinite but 2 years (if kept dry) is a normal accepted limit.

#### 7.3 HANDLING.

ASTROflame Fibre-Free Mastic is a water based mastic and it may be used with disposable gloves.

### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION.**

#### 8.1 OCCUPATIONAL EXPOSURE LIMITS.

General ventilation is normally adequate. For large quantities, especially if sprayed, local extraction may be necessary.

#### 8.2 ENGINEERING MEASURES.

Not Applicable.

### 8.3 PERSONAL PROTECTIVE EQUIPMENT.

Overalls, Gloves, Goggles and Respiratory Devices.

## 9. PHYSICAL / CHEMICAL PROPERTIES.

9.1 APPEARANCE. White mastic.

9.2 ODOUR. Faint. Ether / Alcohol.

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 N/A

9.12 VAPOUR PRESSURE. As water.

9.13 VAPOUR DENSITY. N/A

9.14 RELATIVE DENSITY. N/A

9.15 SOLUBILITY. Fully miscible.

9.16 PARTITION COEFFICIENT. N/A

## 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.

## 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.

## 12. ECOLOGICAL INFORMATION.

ASTROflame Fibre-Free Mastic Miscible with water and likely to be transported as milky dispersion to considerable distance if allowed to ingress into water.

The ASTROflame Fibre-Free Mastic is not bio-degradable and in water becomes alkaline. Biological oxygen demand for other components may be harmful to aquatic organisms.

Low concentration of ASTROflame Fibre-Free Mastic in water for sewage treatment are unlikely to reduce sludge activity; the binder and other solids are largely absorbed on the sludge, and thus eliminated from the waste stream.

## 13. DISPOSAL CONSIDERATIONS.

Any waste is considered non-hazardous and therefore it can be incinerated in a suitable facility or disposed of on an approved land fill site, provided the Local Regulations are observed, once dried to a solid form.

## 14. TRANSPORT INFORMATION.

14.1 PACKAGING. No special precautions are necessary, it is, however, recommended that it is stored in a dry place away from foodstuffs.

### 14.2 FREIGHT CLASSIFICATION.

Not Applicable.

## 15. REGULATORY INFORMATION.

15.1 C.P.L CLASSIFICATION. Not Applicable.

HAZARD PICTOGRAM. Not Applicable.

RISK PHRASES. Not Applicable.

SAFETY PHRASES. Not Applicable.

## 16. OTHER INFORMATION.

The information in this publication is accurate to the best of the knowledge of **ASTROflame (FireSeals) Ltd.**

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