

# Material Safety Data - ASTRO-WRAP

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

1.1 CHEMICAL PRODUCT. *ASTROflame* Intumescent Pipe Wrap. (ASTRO-WRAP)

1.2 APPLICATION. Expands when exposed to heat to fill the void left by a softening plastic pipe. used mainly in fire protection as a fire stopper.

1.3 COMPANY IDENTIFICATION.

Astroflame (Fire Seals) Ltd.  
Intumescent House  
Unit 8 The IO Centre  
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eMail: sales@astroflame.com

1.4 EMERGENCY TELEPHONE NUMBER. 0800 023 2482

## 2. COMPOSITION / INFORMATION ON INGREDIENTS.

2.1 CHEMICAL DESCRIPTION.

Not applicable.

2.2 HAZARDOUS INGREDIENTS.

Not applicable.

## 3. HAZARD IDENTIFICATION.

Not applicable.

## 4. FIRST AID MEASURES.

4.1 EYE CONTACT.

Not applicable.

4.2 SKIN CONTACT.

Not applicable.

4.3 INGESTION.

Not applicable.

4.4 INHALATION.

Not applicable.

## 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.

Not applicable.

### 6.3 CLEANING UP

Not applicable.

## 7. STORAGE AND HANDLING

### 7.1 STORAGE.

The product is not affected by outdoor environment. However, for long term storage it is recommended that it should be stored indoors.

### 7.2 RECOMMENDED SHELF LIFE.

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

### 7.3 HANDLING.

Regarding installation of the product, reference should be made to the installation instructions.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

### 8.1 OCCUPATIONAL EXPOSURE LIMITS.

Not applicable.

### 8.2 ENGINEERING MEASURES.

Not applicable.

### 8.3 PERSONAL PROTECTIVE EQUIPMENT.

Overalls, Gloves, Goggles and Respiratory Devices.

## 9. PHYSICAL / CHEMICAL PROPERTIES.

### 9.1 APPEARANCE. N/A

### 9.2 ODOUR. N/A

### 9.3 PH. N/A

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. N/A

9.13 VAPOUR DENSITY. N/A

9.14 RELATIVE DENSITY. N/A

9.15 SOLUBILITY. N/A

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.

Not Applicable.

### 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.

### 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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