MATERIAL SAFETY DATA

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

1.1 CHEMICAL PRODUCT. ASTRO*flame* 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
Stephenson Road
Segensworth
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ENGLAND PO15 5RU

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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 PREAUTIONS.

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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The above information to the best of our knowledge is true and accurate and based upon current test data and is supplied for your guidance only. Customers should satisfy themselves to the suitability of the product in its intended use and no guarantee

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