

Material Safety Data - Astro HPE Sealant

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

1.1 CHEMICAL PRODUCT: Astro HPE Sealant

1.2 APPLICATION. A temporary or permanent fire barrier to seal cable trays and ducts that penetrate fire rated structures.

1.3 COMPANY IDENTIFICATION.

Astroflame (Fire Seals) Ltd.
Intumescent House
Unit 8 The IO Centre
Stephenson Road
Segensworth
FAREHAM
ENGLAND PO15 5RU

Tel: 0800 023 2482 Fax:0800 023 2483
International - Tel: +44 1329 844 500 Fax: +44 1329 844 600
eMail: sales@astroflame.com

1.4 EMERGENCY TELEPHONE NUMBER. 0800 023 2482

2. COMPOSITION / INFORMATION ON INGREDIENTS.

2.1 CHEMICAL DESCRIPTION.

Contains a plasticised acrylic polymer, fire retardant fillers, blowing agents and minor additives

No component labelled as dangerous under EEC directives criteria.

2.2 HAZARDOUS INGREDIENTS.

Not applicable.

3. HAZARD IDENTIFICATION.

Not applicable.

4. FIRST AID MEASURES.

4.1 EYE CONTACT. Bathe the eye with running water for 15 minutes. Consult a doctor if irritation persists.

4.2 SKIN CONTACT. Wash immediately with plenty of soap and water. Seek medical attention if irritation persists.

4.3 INGESTION. Wash out mouth with water. Seek immediate medical attention.

4.4 INHALATION: Seek medical attention.

5. FIRE FIGHTING MEASURES.

5.1 EXTINGUISHING MEDIA.

Use extinguishing agent suitable for type of surrounding areas.

In the event of combustion Carbon Dioxide (CO₂) and Carbon Monoxide (CO) may be released.
Do not inhale these gasses

5.2 FIRE AND EXPLOSION HAZARDS.

N/A

5.3. PROTECTION MEASURES.

Not applicable.

6. ACCIDENTAL RELEASE MEASURES.

6.1 PERSONAL PRECAUTIONS.

Ensure adequate ventilation, wear protective clothing.

6.2 ENVIRONMENTAL PRECAUTIONS.

Do not discharge into drains or rivers.

6.3 CLEANING UP

Wash the spillage site with large amounts of water.

7. STORAGE AND HANDLING

7.1 STORAGE. Store in cool, dry, well ventilated areas.

Store in original containers between +5 and +25°C. Storage outside these parameters will dramatically reduce shelf life and invalidates all product warranties.

7.2 RECOMMENDED SHELF LIFE.

One Year

7.3 HANDLING. Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION.

8.1 OCCUPATIONAL EXPOSURE LIMITS.

None available

8.2 ENGINEERING MEASURES.

Not applicable.

8.3 PERSONAL PROTECTIVE EQUIPMENT.

Respiratory protection not required.

Eye Protection

Safety glasses. Ensure eye bath is to hand.

Skin Protection

Protective gloves. Protective clothing.

9. PHYSICAL / CHEMICAL PROPERTIES.

State: Paste

Colour: Grey

Odour: Barely perceptible odour

Evaporation rate: Slow

Oxidizing: Non-oxidising (by EC criteria)

Solubility in water: Miscible

Decomposition Temp: Ca. 180°C

Density: Ca. 1.3g/cm³

Boiling point/ range °C: Not determined

Vapour pressure: As water

pH: 8-9.

10. STABILITY AND REACTIVITY.

Stability: Stable under normal conditions.

Conditions to avoid: Heat. Direct sunlight.

Materials to avoid: Strong oxidising agents. Strong acids

Haz. Decomp. Products: In combustion emits toxic fumes of carbon dioxide/ carbon monoxide.

11. TOXICOLOGICAL INFORMATION.

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

Acute toxicity: No toxic effects known

12. ECOLOGICAL INFORMATION.

Persistence and degradability: No data available.

Bio-accumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS.

Disposal operations: D1 tipping above or underground (e.g. Landfill, etc) according to local or national legislation

Disposal of packaging: Dispose of as normal industrial waste according to local or national legislation

14. TRANSPORT INFORMATION.

No regulations apply for the transport of this material.

Not classified a hazardous for road, rail, sea or air transport.

15. REGULATORY INFORMATION.

Hazard symbols: No significant hazard.

Note:

The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

RISK PHRASES.

R10: Flammable

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R65: Harmful: may cause lung damage if swallowed.

SAFETY PHRASES. Not Applicable.

16. OTHER INFORMATION.

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

As part of our policy of ongoing improvements, we reserve the right to modify, alter or change product specifications without giving notice. Product illustrations are representations only. All information contained in this document is provided for guidance only, and as ASTROFLAME FIRESEALS LTD has no control over the installation methods of the products, or of the prevailing site conditions, no warranties expressed or implied are intended to be given as to the actual performance of the products mentioned or referred to, and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given of products mentioned or referred to herein.

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 is given or implied since the conditions of actual use are beyond our control. ASTROflame (Fireseals) Ltd, disclaim any liability for loss, damage or other expense arising from the use of information, data or products mentioned or referred to and reserve the right to change any details or specifications without notice.

Astroflame (Fire Seals) Ltd. Intumescent House
Unit 8, The IO Centre, Stephenson Road, Segensworth
FAREHAM, ENGLAND PO15 5RU

tel 0800 023 2482
(01329 844500)

fax 0800 023 2483
(01329 844600)

intl

tel +44 1329 844500

fax +44 1329 844600

email sales@astroflame.com

[ASTROflame - passive fire protection - homepage](#)