



### Product Number: 148 Gas Flue Inspection Hatch Standard Non-Insulated

#### **Description:**

A new inspection hatch with a spring-loaded latch fastener, a hatch cover with a fire protection lining and fire/smoke seals.

This product comprises of the following materials and therefore is supported by Health & Safety Data Sheets:

- Product 91 STB Board
- Preformed Zintec steel plate (*not available*)
- Intumescent Material (*Appendix 1*)
- Foil Tape (*Appendix 8*)

\*The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.

HEALTH & SAFETY DATA SHEET  
**PRODUCT 91**  
STB BOARD FOR THE PROTECTION OF STEEL

---

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

---

PRODUCT NAME: STB Board for the Protection of Steel  
MANUFACTURER/SUPPLIER: Intumescent Systems Ltd  
ADDRESS: Envirograf House, Barfrestone, Dover, Kent, CT15 7JG  
TELEPHONE/FAX/EMAIL: 01304 842555 01304 842666 sales@envirograf.com  
EMERGENCY PHONE NUMBER: 01304 842555

---

**2. HAZARDS IDENTIFICATION**

---

Cutting through the material and surface scuffing may release small amounts of airborne fibre and amorphous silica dust which are mechanically irritant to skin, eyes and upper respiratory system. Based on animal studies, excessive exposure to man made mineral fibre dust may cause lung damage (fibrosis) and tumours. Prolonged exposure to temperatures above 980°C can produce a small percentage of crystalline silica: a probable carcinogen.

As with any dust, pre-existing upper and lung diseases may be aggravated.

---

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

---

CHEMICAL CONSTITUTION

Synthetic Ceramic Fibre	90-95	%	by	weight
Organic Binder	5-10	%	by	weight

---

**4. FIRST AID MEASURES**

---

SKIN: Rinse affected areas with water and wash gently with soap. Do not use detergent.  
EYES: Flush eyes with large quantities of water, Have eye bath readily available in areas where eye contact may occur. Seek medical attention if irritation continues.  
INGESTION: Drink plenty of water. Seek medical advice.  
INHALATION: Remove to fresh air, drink water and clear throat and blow nose to evacuate fibre/dust. Seek medical attention.

---

**5. FIRE FIGHTING MEASURES**

---

SUITABLE EXTINGUISHING MEDIA: Use extinguishing agent suitable for type of surrounding combustible materials.  
Do not inhale products of combustion.

---

**6. ACCIDENTAL RELEASE MEASURES**

---

Do not allow dust to be wind blown. Unwanted product should be collected and stored in sealed bags. Dust/fibre should be removed using a suitable vacuum cleaner with HEPA exhaust air filtration and disposal collection bags; used bags to be sealed before disposal. If sweeping is required the area should be damped down with water before brushing

---

---

## 7. HANDLING AND STORAGE

---

HANDLING: Keep dust generation to a minimum.  
STORAGE: Store dry and cool. Keep in original wrapping until required for use.

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

EXPOSURE CONTROL Man made mineral fibre \*MEL 2 fibres/ml & 5mg/m<sup>3</sup>  
RESPIRATORY PROTECTION: Wear disposable dust respirator (eg. 3M 8810 or equivalent).  
HAND PROTECTION: Use of gloves is recommended.  
EYE PROTECTION: Wear goggles or safety glasses with side shields. Do not wear contact lenses.  
SKIN PROTECTION: Wear overalls that are loose fitting at the neck and wrists.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

APPEARANCE: Creamy/brown paper/board  
DENSITY: 180 - 270 kg/m<sup>3</sup>  
FLAMMABILITY: Material will sustain combustion for a short period until organic binder is burnt out.

---

## 10. STABILITY AND REACTIVITY

---

CONDITIONS TO AVOID: Exposure to strong oxidizing agents, strong alkalis and hydrofluoric acid.  
MATERIALS TO AVOID: Strong oxidizing agents.  
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion products are H<sub>2</sub>O, CO, COR and hydrocarbons.

---

## 11. TOXICOLOGICAL INFORMATION

---

N/A

---

## 12. ECOLOGICAL INFORMATION

---

This product will remain stable over time with the inorganic components remaining inert.

---

## 13. DISPOSAL CONSIDERATIONS

---

Waste is not classified as a hazardous waste and may be disposed of at a normal licensed industrial waste site. Local regulations should be considered. Waste should be bagged or suitably contained for disposal to prevent any dusts being wind blown during disposal.

---

## 14. TRANSPORT INFORMATION

---

Not regulated for Transport. Ensure that dust is not windblown during transportation.

---

## 15. REGULATORY INFORMATION

---

LABELLING  
DANGER CLASSIFICATION -  
CONTAINS: -  
R PHRASES: -  
S PHRASES: -  
NATIONAL REGULATIONS: -

---

## 16. OTHER INFORMATION

---

Further information regarding working with man made mineral fibres and measurement techniques may be obtained by referring to Guidance Note EH46 1990 and NDHS59 1998 published by the UK, Health & Safety Executive.

---

The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.

---

HEALTH & SAFETY DATA SHEET  
**Appendix 1**  
MULTIGRAF INTUMESCENT MATERIAL

April 2015. Issue 2

---

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

---

**PRODUCT NAME:** Multigraf Intumescent Material  
**MANUFACTURER/SUPPLIER:** Intumescent Systems Ltd  
**ADDRESS:** Envirograf House, Barfrestone, Dover, Kent, CT15 7JG  
**TELEPHONE / FAX / EMAIL:** 01304 842555 01304 842666 sales@envirograf.com  
**EMERGENCY PHONE NUMBER:** 01304 842555 (Monday to Friday 8.30 – 5.30)

---

**2. HAZARDS IDENTIFICATION**

---

Cutting through the material and surface scuffing may release small amounts of airborne fibre, clay and carbon dust which are mechanically irritant to skin, eyes and upper respiratory system.

Based on animal studies, excessive exposure to man made mineral fibre dust may cause lung damage (fibrosis) and tumours.

As with any dust, pre-existing upper respiratory symptoms and lung diseases may be aggravated.

---

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

---

**CHEMICAL CONSTITUTION**

Mineral Wool Fibre	20-70	%	by	weight
Exfoliating Graphite	20-60	%	by	weight
Organic binder (including adhesive coating)	5.0-30	%	by	weight

---

**4. FIRST AID MEASURES**

---

**SKIN:** Rinse affected areas with water and wash gently with soap. Do not use detergent.  
**EYES:** Flush eyes with large quantities of water, Have eye bath readily available in areas where eye contact may occur. Seek medical attention if irritation continues.  
**INGESTION:** Drink plenty of water. Seek medical advice.  
**INHALATION:** Remove to fresh air, drink water and clear throat and blow nose to evacuate fibre/dust. Seek medical attention.

---

**5. FIRE FIGHTING MEASURES**

---

**SUITABLE EXTINGUISHING MEDIA:** Use extinguishing agent suitable for type of surrounding combustible materials. Do not inhale products of combustion.

---

**6. ACCIDENTAL RELEASE MEASURES**

---

Store product in original wrapping until required for use. Do not allow dust to be wind blown. Do not use compressed air to blow dust or fibres. Unwanted product should be collected & stored in sealed bags. Dust/fibre should be removed using a suitable vacuum cleaner with HEPA exhaust air filtration & disposal collection bags; used bags to be sealed before disposal. If sweeping is required the area should be damped down with water before brushing

---

## 7. HANDLING AND STORAGE

---

**HANDLING:** Keep dust generation to a minimum.

**STORAGE:** Store dry and cool. Keep in original wrapping until required for use.

---

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

---

### APPLICABLE OCCUPATIONAL EXPOSURE LIMITS:

**MAN MADE MINERAL FIBRE:** \*ME 2.0 fibres/ml & 5 mg/m; (8 hr TWA)

**FINE CARBON DUST:** \*OES 3.5 mg/m; (8 hr TWA) and 7 mg/m; (STEL)

\* (UK Health & Safety Executive - OEL EH40/98)

**RESPIRATORY PROTECTION:** Wear disposable dust respirator (e.g. 3M 8810 or equivalent).

**HAND PROTECTION:** Use of gloves is recommended.

**EYE PROTECTION:** Wear goggles or safety glasses with side shields. Do not wear contact lenses.

**SKIN PROTECTION:** Wear overalls that are loose fitting at the neck and wrists.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

**APPEARANCE:** Flexible Grey fibrous mat with black speckle

**DENSITY:** 200 - 500 kg/m;

**EXPANSION:** Rapid volumetric expansion occurs when product is heated above 100°C

**FLAMMABILITY:** Material will sustain combustion for a short period until organic binder (and SAB coating) is burnt out or resulting expansion self-extinguishes.

---

## 10. STABILITY AND REACTIVITY

---

**STABILITY / CONDITIONS TO AVOID:** Stable.

**MATERIALS TO AVOID:** Strong oxidizing agents, strong alkalis and hydrofluoric acid.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Combustion products are HRO, CO, COR and hydrocarbons.

---

## 11. TOXICOLOGICAL INFORMATION

---

The International Agency for Research on Cancer (IARC) has classified Mineral Wool Fibre as possibly carcinogenic (Group 2B).

---

## 12. ECOLOGICAL INFORMATION

---

This product will remain stable over time with the inorganic components remaining inert.

---

## 13. DISPOSAL CONSIDERATIONS

---

Waste is not classified as a hazardous waste and may be disposed of at a normal licensed industrial waste site. Local regulations should be considered. Waste should be bagged or suitably contained for disposal to prevent any dusts being wind blown during disposal.

---

---

#### 14. TRANSPORT INFORMATION

---

Not regulated for Transport. Ensure that dust is not wind blown during transportation.

---

#### 15. REGULATORY INFORMATION

---

LABELLING  
DANGER CLASSIFICATION -  
CONTAINS: -  
R PHRASES: -  
S PHRASES: -  
NATIONAL REGULATIONS: -

---

#### 16. OTHER INFORMATION

---

Further information regarding working with man made mineral fibres and measurement techniques may be obtained by referring to Guidance Note EH46 1990 and NDHS59 1998 published by the UK, Health & Safety Executive.

---

\*The information contained in this safety data sheet is given in good faith. It is accurate to the best of our knowledge and belief and represents the most up to date information. The information given in this data sheet does not constitute or replace the user's own assessment of workplace risk as required by other health and safety legislation.

**HEALTH & SAFETY INFORMATION SHEET**  
**APPENDIX 8**  
*FOIL-ADHESIVE TAPE*

23<sup>rd</sup> April 2015 ISSUE 2

---

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

---

PRODUCT NAME: Foil-Adhesive Tape  
MANUFACTURER/SUPPLIER: Envirograf  
ADDRESS: Envirograf House, Barfrestone, Dover, Kent, CT15 7JG  
TELEPHONE/FAX/EMAIL: 01304 842555 01304 842666 sales@envirograf.com  
EMERGENCY PHONE NUMBER: 01304 842555 (Monday to Friday 8.30 – 5.30)

---

**2. HAZARDS IDENTIFICATION**

---

This product is considered generally safe and inert and no hazards are anticipated provided good standards of industrial hygiene and good housekeeping are observed

---

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

---

**Chemical description:** contains no dangerous ingredients or impurities  
Interleaved aluminium foil tape with rubber/resin adhesive

---

**4. FIRST AID MEASURES**

---

**Eye Contact:** no need for first aid is anticipated  
**Skin Contact:** no need for first aid is anticipated  
**Inhalation:** the slight odour from the adhesive is not considered dangerous or an irritant – seek fresh air if necessary

---

**5. FIRE-FIGHTING MEASURES**

---

**Suitable extinguishing media:** Carbon dioxide, dry chemical. Note: water should not be used.  
**Protective equipment for fire-fighters:** Self-contained respiratory equipment should be worn

---

**6. ACCIDENTAL RELEASE MEASURES**

---

Not applicable

---

**7. HANDLING AND STORAGE**

---

Due regard should be given to the possibility of static build up within the rolls and their particular applications especially where solvents are used or stored It is recommended that these products be stored out of direct sunlight, in a dry environment away from moisture at temperatures between 5°C and 30°C

---

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

---

Finger damage is always a risk when aluminum foil and paper products are decoiled or applied. The use of lightweight leather gloves is recommended. Discarded release paper is a slip hazard and just not be left on any floor space but disposed of together with spent cores into suitable waste containers.



---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

Appearance: solid  
Colour: silver  
Boiling point: not applicable  
Vapour pressure: not applicable  
Solubility in water: the adhesive is not soluble in water  
Viscosity: not applicable  
Melting point: the adhesive with soften at around 70°C  
Flash point: 200°C

---

## 10. STABILITY AND REACTIVITY

---

Stable under normal conditions of handling and storage

---

## 11. TOXICOLOGICAL INFORMATION

---

Not applicable

---

## 12. ECOLOGICAL INFORMATION

---

Not applicable

---

## 13. DISPOSAL CONSIDERATIONS

---

Dispose of in accordance with local regulations at approved sites.

---

## 14. TRANSPORT INFORMATION

---

Not regulated for transport

---

## 15. REGULATORY INFORMATION

---

Labelling  
Danger classification -  
Contains: -  
R phrases: -  
S phrases: -  
National regulations: -

---

## 16. OTHER INFORMATION

---

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. This information contained in the safety data sheet is based on present knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

---