



Product Number: 2

Intumescent Fire Stop Blocks

Description:

The Intumescent Fire Stop Blocks are compressible and consists of Non inflammable, foil clad, Intumescent coated mineral fibre block.

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

- (Appendix 1) Multigraf Intumescent Material
- (Appendix 4) Rock Fibre Slab
- (Appendix 8) Foil-Adhesive Tape
- (Appendix 81) Double sided tape

Under Regulation 1907/2006 REACH Safety Data Sheets are only required for hazardous substances and mixtures/preparations; Intumescent Systems Ltd is not therefore legally obliged to supply Safety Data Sheets for its articles. Despite this Intumescent Systems Ltd has decided to provide its customers with information regarding the safe use and handling of the products listed above by means of this Safety Data Sheet.

*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

Issue 3. July 2018

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME:	Multigraf Intumescent Material
MANUFACTURER/SUPPLIER:	Intumescent Systems Ltd
ADDRESS:	Envirograf House, Barrestone, 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

HAZARD STATEMENTS:

1. None for the non-woven products (manufactured articles) covered by this MSDS
2. None for dust and fibres released during handling

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

Under the European chemicals Regulation 1907/2006 REACH this product is considered to be an article. These materials do not contain any substances of very high concern or substances intended to be released under normal foreseeable conditions of use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION:

Substance	CAS / EC No	% by weight	Regulation EC 1272/2008	Directive 67/548/EEC
Mineral Wool*	287922-11-6	20 – 85	Not Classified	Not Classified
Exfoliating Graphite	7782-42-5/231-995-3	4.0 – 60	Not Classified	Not Classified
Polymeric Binder and Self Adhesive coating	N/A - polymer	5.0 - 30	Not Classified	Not Classified

* Man-made vitreous silicate fibres of random orientation with alkaline oxide and alkali earth oxides (Na₂O + K₂O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Note Q conditions for increased bio-solubility.

Mineral wool fibres satisfying the Note Q conditions for increased bio-solubility are not classified as carcinogenic according to Directive 97/69/EC and Regulation EC 1272/2008 (page332 of the JOCE L353 of 31 Dec 2008)

Self-adhesive products are supplied faced on one side with a Kraft release paper.

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.

Do not use compressed air to remove dust or fibres from equipment

Dust/fibre should be removed using a suitable vacuum cleaner with HEPA exhaust air filtration.

The collected deposits and used vacuum cleaner bags should be sealed into poly-bags before disposal.

If sweeping is required the area should be thoroughly damped down with water before sweeping commences to prevent dust and fibres becoming airborne during sweeping

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: from HSE EH40/2005 – second edition 2011

MACHINE MADE MINERAL FIBRE:

(excluding Refractory Ceramic Fibre and Special Purpose Fibres): 2.0 fibres/ml & 5 mg/m; (8 hr TWA)

FINE CARBON DUST: 3.5 mg/m; (8 hr TWA) and 7 mg/m; (15 minute reference))

RESPIRATORY PROTECTION: Use local ventilation systems where available. If workplace exposures exceed the limits wear disposable dust respirator to EN149:2001 FFP2 minimum

HAND PROTECTION: Use of disposable nitrile rubber 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/m³

EXPANSION: Rapid volumetric expansion occurs when product is heated above 200°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: Decomposition of the polymeric binder will occur at temperature above 200°C releasing smoke, H₂O, CO, CO₂ and hydrocarbons. When heated above 250°C the graphite will expand resulting in a thermally insulation char.

HAZARDOUS POLYMERISATION: Will not occur

11. TOXICOLOGICAL INFORMATION

MINERAL WOOL FIBRE: Coarse fibres: in common with other man-made mineral fibres the vitreous silicate fibres in this product are mechanical irritants which may result in temporary irritation of the throat, eyes or skin.

Respirable fibres: the mineral wool fibres in these products contain fibres which are less than 3.0µm diameter and greater than 5.0µm long and which are classified as respirable.

Animal studies: short term inhalation studies of rats exposed to high levels of stone wool fibres have shown that the long fibres are biodegradable and quickly disappear from the lungs.

Human Epidemiological studies: large morbidity and mortality studies of both European and North American mineral wool manufacturing workers have been conducted with traditional mineral wools. The studies found no significant evidence of non-malignant lung disease (e.g. fibrosis) The studies did not establish a causal relationship between exposure to traditional mineral wools and malignant diseases (lung cancer or mesothelioma). The particular mineral wool fibre used in the products covered by this SDS is based on a new formulation with increased bio-solubility giving even more rapid clearance of fibres from the lungs compared with traditional mineral wools.

GRAPHITE: Powdered graphite is non-toxic. High levels of airborne graphite dust may be a mechanical eye irritant. Skin contact with graphite dust may cause temporary irritation due to mechanical effects; repeated prolonged exposures may lead to dermatitis. Airborne graphite dust is an upper respiratory irritant; exposures may aggravate pre-existing upper respiratory and lung diseases. Cases of pneumoconiosis, pulmonary fibrosis and emphysema have been reported in workers following prolonged exposures to high levels of airborne graphite dust.

POLYMERIC BINDER AND SELF ADHESIVE COATING:

The Polymeric binder and SAB coating are considered to be non-hazardous.

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. Ensure that dust or fibres are not wind-blown during transportation.

15. REGULATORY INFORMATION

Product Hazard Classification according to Directive 67/548 EEC:

Not classified

Product Hazard Classification according to Regulation CE1272/2008:

Article - not classified

16. OTHER INFORMATION

Notes: revised and reissued with minor changes 6th September 2018

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.

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HEALTH & SAFETY INFORMATION SHEET

APPENDIX 4

Rock Fibre Slabs

Issue 3, 7th September 2018

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

1.1 Product Identifier:	Rock Fibre Slabs
1.2 Relevant identified uses of the substance or mixture and uses advised against	Thermal insulation, acoustic insulation and fire protection in building applications. No uses advised against for physical, health and environmental considerations as covered by REACH
1.3 Manufacturer/supplier:	Envirograf
Address:	Envirograf house, Barfrestone, Dover, Kent, CT15 7JG
Telephone/fax/email:	01304 842555 01304 842666 sales@envirograf.com
1.4 Emergency phone number:	01304 842555 (Monday to Friday 8.30 – 5.30)

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture: There is no hazard statement associated with this material. Rock fibre mineral wool is not classified as dangerous according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP)

2.2 Label elements: The overall conclusion in accordance with the CLP regulation, REACH regulation and the Globally Harmonised System (GHS) is that there are no hazardous classifications associated with Rock fibre mineral wool fibres in respect to physical health and environmental considerations.

2.3 Other hazards:

Use of high speed cutting tools can generate dust.

If in contact with constant heat >175°C, the binder will be slowly broken down.

Further information can be found in Section 8.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance	EC Identification number	REACH Registration number	Content (% weight)	Classification, labelling & packaging [EU Regulation (CE) 1272/2008]
Stone wool ¹	926-099-9	01-211-947-2313-44	95-100%	Not classified ²
Synthetic thermosetting polymer binder			0-5%	Not Classified
Mineral oil			0-0.5%	Not Classified
Silicon oil/emulsion ³			0-0.5%	Not classified

¹ Man-made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions of Regulation 1272/2008

² Note Classified H351 "suspected of causing cancer". Stone wool insulation fibres are not classified as carcinogenic in accordance with Note Q of Regulation 1272/2008. Stone wool products do not contain CLP classified substances >0.1%

³ Silicon oil/emulsion is used in place of mineral oil in certain stone wool products

4. FIRST AID MEASURES

4.1 Description of first aid measures

Inhalation: Remove from exposure. Rinse the throat and clear dust from airways

Skin: If itching occurs, remove contaminated clothing & wash skin gently with clean cold water & mild soap.

Eyes: Rinse abundantly with clean water for at least 15 minutes.

Ingestion: If accidentally ingested, drink plenty of water.

4.2 Most important symptoms & effects, both acute & delayed: The mechanical effect of fibres in contact with skin may cause temporary itching/inconvenience.

4.3 Indication of any immediate medical attention & special treatment needed: None required, if any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice.

5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Water, foam, carbon dioxide (CO₂), and dry powder

Unsuitable extinguishing media: None

5.2 Special hazards arising from the substance or mixture: None special. Use normal body and respiratory protection for fire.

5.3 Advice for firefighters: The unfaced products are non-combustible, some packaging materials or facing may however be combustible.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment & emergency procedures: In case of presence of high concentrations of dust, use the same personal protective equipment as described in Section 8

6.2 Environmental precautions: None required

6.3 Methods & materials for containment & cleaning up: Dampen with water spray before sweeping or use vacuum equipment

6.4 Reference to other sections: For personal protection equipment see Section 8. For waste disposal, see Section 13

7. HANDLING AND STORAGE

7.1 Precautions for safe handling: No specific measures. Preferably use a knife for cutting. If a power tool is used, provide effective dust extraction. Ensure adequate ventilation of workplace. See Section 8. Avoid unnecessary handling of unwrapped product. See Section 8.

7.2 Conditions for safe storage, including any incompatibilities:

Technical measures: No special measures necessary.

Suitable storage conditions: Products should be kept dry, if possible in original packaging

Incompatible materials: None

Packaging material: Products are typically packed in polyethylene film, cardboard and/or on wooden pallets.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Workplace exposure limit (WEL) 5mg/m³ gravimetric measure (total inhalable dust) & 2 fibres/ml airborne fibre limit, 8-hour time weighted averages. HSE guidance assumes that the gravimetric measures would be reached before the fibre measure. (Ref. HSE EH40)

8.2 Exposure controls

8.2.1 Appropriate engineering controls: No specific requirements

8.2.2 Individual protection measures, such as personal protective equipment:

- **Eye protection:** With heavy dust development or particularly when working with product above shoulder height, the use of safety goggles to EN166 is advised.
- **Hand protection:** Use gloves conforming with EN 388 to avoid itching
- **Skin protection:** Cover exposed skin
- **Respiratory protection:** When working in unventilated areas or during operations which can generate emission of (various) dusts, wearing a disposable face mask in accordance with EN149 FFP1 is recommended.

At high temperatures not usually found in building construction (>175°C), the product binder will slowly decompose and trace gases will be released. When high temperature appliances are first put into service, gases should be vented to control exposure to fumes or appropriate respirators used.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance: Solid grey-green

Odour: Odourless

Odour threshold: Not applicable

pH: Not relevant. Solid

Melting point: >1000°C

Initial boiling point and boiling range: Not relevant. Solid

Flash point: Not relevant - non-combustible (re UK & Ireland Building Regulations)

Evaporation range: Not applicable

Flammability: Not relevant - non-combustible (re UK & Ireland Building Regulations)

Upper/lower flammability or explosive limits: Not relevant - non-combustible (re UK & Ireland Building Regulations)

Vapour pressure: Not relevant. Solid

Vapour density: Not relevant. Solid

Relative density: Depends on product type (ty. Between 20 and 300 kg/m³)

Solubility: Generally chemically inert and insoluble in water

Partition coefficient n-octanol/water: Not relevant. Insoluble in water

Auto-ignition temperature: Not relevant - non-combustible (re UK & Ireland Building Regulations)

Decomposition temperature: When heated to approx. 175°C for the first time, release of binder decomposition products occurs.

Viscosity: Not relevant. Solid

Explosive properties: Not relevant - non-combustible (re UK & Ireland Building Regulations)

Oxidising properties: Not relevant. Non-oxidising

9.2 Other information: No further chemical or physical properties to report.

10. STABILITY AND REACTIVITY

10.1 Reactivity: Not reactive

10.2 Chemical stability: Stable

10.3 Possibility of hazardous reactions: Not reactive

10.4 Conditions to avoid: None specified

10.5 Incompatible materials: None specified

10.6 Hazardous decomposition products: When insulation wool is heated to approximately 175°C for the first time, release of binder decomposition products occurs. See 8.2.2

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: No acute toxicity

Irritation: In the case of coarser fibres there can be mechanical effects on skin, upper respiratory system (mucous membranes) and eyes that can cause temporary, self-fading effects (e.g. itching). No chemical effects ensue.

Corrosivity: No corrosivity

Sensitisation: No sensitisation

Repeated dose toxicity: No repeated dose toxicity.

Carcinogenicity: None. Owing to its high bio-solubility, the fibre used in stone wool insulation materials is assessed as free from suspicion of possible carcinogenic effects in accordance with Regulation (EC) No 1272/2008 (Ref: Note Q). In October 2001, the International Agency for Research on Cancer (IARC) classified rock (stone) wool insulation as Group 3 (not classifiable as to its carcinogenicity in humans) i.e. not suspected of causing cancer in humans.

Mutagenicity: No mutagenicity

Toxicity for reproduction: No toxicity for reproduction.

12. ECOLOGICAL INFORMATION

12.1 Toxicity: None. This product is not expected to cause harm to animal or plants during normal conditions of use. Stone wool is principally made from non-scarce rock material and recycled stone wool.

12.2 Persistence and degradability: None

12.3 Bioaccumulative potential: None

12.4 Motability in soil: None

12.5 Results of PBT and vPvB assessment: No assessment required

12.6 Other adverse effects: Relying on entrapped air for its thermal properties, the products do not and never have used blowing agents with Ozone Depleting Potential or Global Warming Potential.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Rock fibre material is recyclable

Rock fibre material is classified as non-hazardous waste. Rock fibre insulation waste is covered by the non-hazardous entry "17 06 04 insulation materials other than those mentioned in 17 06-01 and 17 06 03" in the European Waste Catalogue, established by EC Decision 2000/532/EC (hazardous waste) Under landfill regulations rock fibre insulation waste is categorized as "waste accepted at landfills for non-hazardous waste in accordance with EC Decision 2003/33/EC (landfill acceptance criteria)

14. TRANSPORT INFORMATION

14.1 UN Number: Not applicable

14.2 UN Proper shipping name: Not applicable

14.3 Transport hazard class(es): Not applicable

14.4 Packing Group: Not applicable

14.5 Environmental hazards: Not applicable

14.6 Special precautions for user: None specified

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations / legislation specific for the substance or mixture: The overall conclusion in accordance with the CLP, GHS and REACH regulations is that there are no hazardous classifications associated with rock fibre in respect to physical health and environmental aspects.

15.2 Chemical safety assessment: No assessment required.

16. OTHER INFORMATION

This Safety Data Sheet has been prepared in accordance with European Commission Regulation (EU) No. 453/2010 (REACH).

Although REACH Regulations do not require a safety data sheet to be provided for stone wool insulation, this format is used to provide standardized health and safety information.

All stone wool insulation products supplied by Envirograf are made of fibres exonerated from classification as a carcinogen in accordance with Regulation (EC) No. 1272/2008 (ref. Nota Q).

Stone wool fibres are subject to independent assessment by EUCEB.

Membership of the EUCEB certification scheme is voluntary and certifies compliance with the parameters laid down in Nota Q, as defined by Regulation (EC) No. 1272/2008.

This data sheet does not constitute a workplace assessment.

The information provided represents the state of our knowledge regarding this material at the date of its publication.

The information provided does not constitute a product specification and no warranty expressed or implied is hereby made.

The information relates only to the specific material designated when used in applications it has been designed for. This information may not be valid for such material used in combination with any other materials or in any other processes, unless specified in the text.

History

Date of revision 7th September 2018

Reason for revision General review / change of format

Sections revised All sections revised

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the most recent REACH Regulations. The product should not be used for purposes other than those shown 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 EU 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

HEALTH & SAFETY INFORMATION SHEET
APPENDIX 8
FOIL-ADHESIVE TAPE

25th July 2018 ISSUE 3

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 hot melt 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 will 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

Foil Adhesive Tape is an "article" not a chemical. It is not classified as dangerous under Classification, Labelling and Packaging of Chemical Regulations (CPL) & the UN's Globally Harmonised System (GHS), and therefore does not require a Safety Data Sheet. It is exempt from the requirements to register under REACH. As a service to our customers, however Intumescent Systems Ltd has produced this data sheet.

16. OTHER INFORMATION

History

Date of revision 25th July 2018

Reason for revision General review / change of format

Sections revised All sections revised

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the most recent REACH Regulations. The product should not be used for purposes other than those shown 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 EU 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.

HEALTH & SAFETY INFORMATION SHEET
APPENDIX 81
DOUBLE SIDED SELF ADHESIVE TAPE

26th July 2018. ISSUE 2

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME:	Double sided self-adhesive tape
MANUFACTURER/SUPPLIER:	Envirograf
ADDRESS:	Envirograf House, Barrestone, Dover, Kent, CT15 7JG
TELEPHONE/FAX/EMAIL:	01304 842555 01304 842666 sales@envirograf.com
EMERGENCY PHONE NUMBER:	01304 842555 (8.30-5.30 Monday to Friday)

2. HAZARDS IDENTIFICATION

Not classified as dangerous according to EC Directives

Under Regulation 1907/2006 REACH Safety Data Sheets are only required for hazardous substances and mixtures/preparations; Intumescent Systems Ltd is not therefore legally obliged to supply Safety Data Sheets for its articles. Despite this Intumescent Systems Ltd has decided to provide its customers with information regarding the safe use and handling of the products listed above by means of this Safety Data Sheet.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Main constituents:

Support: PES/PVA scrim
Interliner: Yellow release paper 90 g/m²
Adhesive: Modified polyacrylic

4. FIRST AID MEASURES

No recommendation given

5. FIRE-FIGHTING MEASURES

Appropriate extinguishing agents: spraying water, dry extinguishing agent, foam

6. ACCIDENTAL RELEASE MEASURES

Not applicable

7. HANDLING AND STORAGE

The products should be stored in their original packaging under dry conditions, ideally at room temperature but not warmer than 30°C. High relative humidity and direct sunlight must be avoided at all costs. Generally the cooler the product is stored the better the product quality.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective equipment: Not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Shape: Logs 3" core
Colour: Transparent
Odour: Typical
Density: 0.8 – 1.0 g/cm³

10. STABILITY AND REACTIVITY

This adhesive is stable and does not react with materials which it would normally come into contact with in storage and use

11. TOXICOLOGICAL INFORMATION

Assuming appropriate use, no harmful effects have ensued.

12. ECOLOGICAL INFORMATION

Adhesive, support and interliner are almost completely without solvents, chlorides and heavy metals. Therefore, special disposal measures are not necessary. The product is not considered to be environmentally dangerous.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local authority regulations

14. TRANSPORT INFORMATION

Not regulated for transport

15. REGULATORY INFORMATION

Product Hazard Classification according to Directive 67/548 EEC:
Not classified

Product Hazard Classification according to Regulation CE1272/2008:
Article - not classified

16. OTHER INFORMATION

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the most recent REACH Regulations. The product should not be used for purposes other than those shown 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 EU 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.