



Product Number: 40

Intumescent Coated Fireproof Sponge

Description:

Fireproof sponge impregnated and coated with intumescent material. Very flexible, but stable in small or large apertures. Unaffected by water or chemicals.

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

- (Appendix 2) Fire Proof Sponge
- (Appendix 15) L/VFR Coating

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 INFORMATION SHEET
APPENDIX 2
FIRE PROOF SPONGE

Issue 3, September 2018

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

| | |
|--------------------------------|---|
| PRODUCT NAME: | Fire Proof Sponge |
| MANUFACTURER/SUPPLIER: | Envirograf |
| ADDRESS: | Envirograf House, Barfreestone, 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

Fireproof sponge is an “article”, not a chemical. It is not classified as dangerous under the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP), 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, Envirograf has produced this Product Information Sheet

Classification (EC 1272/2008) :Not applicable
Classification (1999/45/EC) :Not applicable

Label Elements :Not applicable
Signal Word :Not applicable
Hazard Statements :Not applicable
Precautionary Statements :Not applicable
Supplemental information :Not applicable.
Other hazards :Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Chemical name | CAS No | EC No | REACH Reg No | Classification | Conc'n % |
|----------------|----------------|----------------|----------------|----------------|----------------|
| Not applicable | Not applicable | Not applicable | Not applicable | Not applicable | Not applicable |

Further information: Poly-addition products of isocyanates, polyols and water. Controlled by catalysts, stabilizers and other substances resulting in cellular polyurethane foams which are then post treated with flame retardants, and polymeric binding agent.

4. FIRST AID MEASURES

Description of first aid measures SEE BELOW

Inhalation: Consult physician if coughing, discomfort, or obstruction of air passage occurs.

Skin contact: Wash off any foam dust.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water until irritation subsides. If necessary, seek medical advice.

Ingestion: Consult physician if coughing, discomfort, or obstruction of air passage occurs.

Most important symptoms and effects, both acute and delayed: None expected.

Indication of any immediate medical attention and special treatment needed: None expected

5. FIRE-FIGHTING MEASURES

General hazard: Under extreme temperatures the sponge will decompose and emit toxic gases. In the event of a fire, evacuate premises immediately and call the Fire Brigade. Avoid inhalation of smoke and gases.

Extinguishing media: To suit local surroundings (e.g. Water, carbon dioxide, foam, dry powder)

Extinguishing media not to be used: None reported

Special exposure hazards: Decomposition products released in a fire, (e.g. Carbon black, carbon Monoxide, carbon dioxide, oxides of nitrogen, hydrogen cyanide), should be considered toxic if inhaled

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures: Remove all sources of ignition. No Smoking

Methods and materials for containment and cleaning up: Pick up and sweep up as for any other inert material

Environmental Precautions: Do not allow to get into waste water or waterways.

Reference to other sections: Not Applicable

7. HANDLING AND STORAGE

Precautions for safe handling: Handle in accordance with good hygiene and safety practice.

Conditions for safe storage including any incompatibilities: No special conditions required, but ideally to be stored in dry conditions

Specific end use(s): Industrial and professional

Keep away from sparks, naked lights, open flames, exposed electrical elements or other ignition sources. Smoking should be forbidden in areas where material is stored or processed

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Personal protection: Wear personal protective equipment appropriate to the task -see below.

Eye protection: See below.

Skin protection: See below

Respiratory protection: See below.

Other personal protection: Unless exposure to foam dust is anticipated, dust masks, goggles and gloves are not required. Mechanical ventilation should be considered in operations that generate large quantities of foam dust

Environmental exposure controls: Do not allow to get into waste water or waterways.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | |
|-----------------------------------|-----------------------------------|-----------------------------|
| Physical form: | Cellular foam. | |
| Colour: | Dark Grey | |
| Odour: | Faint, characteristic | |
| Odour Threshold: | Not available | |
| Molecular weight: | Not applicable | |
| Molecular formula: | Not applicable | |
| pH: | Not applicable | |
| Melting pt/range: | Not applicable | |
| Flash point: | Not applicable | |
| Relative evaporation rate: | Not applicable | |
| General Flammability: | BS EN 13501-1 | Euroclass B-s1, d1 |
| | Fire Propagation Index | <12 BS476 pt 6 |
| | Surface Spread of Flame | Class "1" BS476 pt 7 |
| | Building Regs. 1991 (Fire Safety) | Class "0" BS476 pt 6 & pt 7 |
| | Operating Temperature | -30 to 100°C |
| | UL94 Classification | 94 V-0 UL 94 |
| | Surface Burning Behaviour | Class A ASTM E84-95 |

| | |
|--|------------------------------------|
| Explosive limits: | Not applicable |
| Vapour pressure: | Not applicable |
| Vapour density: | Not applicable |
| Density: | >90 kg/M3 BS EN ISO 845 |
| Partition coefficient (log P or log K n-octanol water): | Not applicable |
| Decomposition Temp.: | Not applicable |
| Viscosity: | Not applicable |
| Explosive properties: | Not applicable, based on structure |
| Oxidising properties: | Not applicable, based on structure |
| Other information: | Not applicable |

10. STABILITY AND REACTIVITY

Reactivity: Almost inert

Chemical stability: Stable under normal conditions of handling and storage.

Possibility of hazardous reactions: None reported.

Incompatible materials: Not applicable, based on structure.

Hazardous decomposition products: Decomposition products released in a fire, (e.g. carbon black, carbon monoxide, carbon dioxide oxides of nitrogen, hydrogen cyanide), should be considered toxic if inhaled.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects: No data available for the product.

Acute toxicity – oral: No data available for the product.

Acute toxicity – inhalation: No data available for the product.

Acute toxicity – dermal: No data available for the product.

Skin corrosion/irritation: Repeated exposure may cause skin dryness.

Serious eye damage/irritation: May cause eye irritation in dust form.

Respiratory sensitisation: No data available for the product.

Skin sensitisation: No data available for the product.

CMR effects: No data available for the product.

Single dose toxicity: No data available for the product

Repeated dose toxicity: No data available for the product.

Aspiration hazard: None reported.

Adverse health effects and symptoms: No data are available for the product..

Other information None .

12. ECOLOGICAL INFORMATION

Toxicity: No data available for product.

Fish, acute: No data available for product.

Fish, chronic: No data available for product

Invertebrates Algae: No data available for product.

Soil organisms: No data available for product.

Micro-organisms: No data available for product.

Other organisms: No data available for product.

Persistence and degradability: No data available for product.

Bioaccumulative potential: No data available for product.

Mobility in soil No data available for product.

Results of PBT and vPvB assessment: Not classified.

Other adverse effects: None reported.

13. DISPOSAL CONSIDERATIONS

Advice on disposal: Under EU Environmental Regulations and Directives, there are no special requirements for disposal of Fire Proof Sponge

Further information: Various methods are available for the recycling of uncontaminated cellular foam including crumbed or shredded or rebounded to produce reconstituted foam

14. TRANSPORT INFORMATION

Land transport (ADR/RID)

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None reported.

Emergency action code Not applicable

Hazard Identification Number: Not applicable

Marine transport (IMDG)

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None reported.

Air transport (ICAO/IATA)

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None reported.

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for product: Not applicable

Chemical Safety Assessment: Not applicable

16. OTHER INFORMATION

Date of revision 6th September 2018

Reason for revision General review / change of format

Sections revised All sections revised

Key to abbreviations and acronyms:

1999/45/EC EU Dangerous Preparations Directive

ACGIH American Conference of Governmental Industrial Hygienists, Inc.

ADR European agreement governing the international carriage of dangerous goods by road

CAS No Chemical Abstracts Service Registry Number

CHIP 4 Chemicals (Hazard Information and Packaging) for Supply Regulations 2009

CLP Classification, Labelling and Packaging Regulation (EC) 1272/2008

CMR Carcinogen, Mutagen, Reprotoxin

DGEAC Dangerous Goods Emergency Action Code List 2009

EC No European Inventory of Chemical Substances number

ECHA European Chemicals Agency

EH40 (2005) HSE's list of Workplace Exposure Limits, as updated and amended

GHS Globally Harmonised System for classification and labelling chemicals

REACH Registration, Evaluation and Authorisation of Chemicals Regulation (EC) 1907/2006

RTECS Registry of Toxic Effects of Chemical Substances

HEALTH & SAFETY INFORMATION SHEET
APPENDIX 15
LVFR

October 2018. ISSUE 3

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: LVFR
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

HAZARD SYMBOL: EUH208 May produce allergic reaction



HEALTH EFFECTS:

SKIN: May cause slight irritation on prolonged / repeated contact.

EYES: May cause some irritation.

INHALATION: No hazard under normal conditions of use.

INGESTION: Low toxicity.

PHYSICAL/CHEMICAL EFFECTS: Not applicable.

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Aqueous polymer coating for exterior surfaces.

| Chemical Name | CAS No. | EC No. | % | Classification |
|------------------------------|------------|--------|-----------|------------------------------------|
| 2-Methylisothiazol-3(2H)-one | 2682-20-4 | | <0.00006% | H330/H318/H411/H317 |
| Pyrithione Zinc | 13463-41-7 | | <0.00006% | H301/H330/H318/H400/H410 |
| 1,2-benzisothiazol-3(2H)-one | 2634-33-5 | | <0.00006% | H330/H318/H400/H411/H302/H315/H317 |

4. FIRST AID MEASURES

SKIN CONTACT: Remove contaminated clothing and wash contaminated skin with soap and water.

EYE CONTACT: Wash immediately with water for 15 minutes. If irritation persists seek medical advice.

INHALATION: Remove the casualty to fresh air.

INGESTION: Rinse out mouth with water and if conscious drink plenty of water. Seek medical attention.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Foam, carbon dioxide, powder, and water spray.

EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS: None known

SPECIAL EXPOSURE HAZARDS: None known.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS: Chemical protection suit / gloves / boots and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Use personal protection equipment.

ENVIRONMENTAL PRECAUTIONS: Do not dispose of into surface water or sanitary sewer system.

METHODS FOR CLEANING UP: Scrape up excess and dispose of at an approved site.

7. HANDLING AND STORAGE

HANDLING PRECAUTIONS: Not applicable.

STORAGE CONDITIONS: Store in original closed containers between + 5°C and + 30°C in dry conditions. Avoid extremes of temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS: Refer to current edition of HSE Guidance Note EH40 Occupational Exposure Limits (UK)

ENGINEERING MEASURES: Not applicable.

PERSONAL PROTECTION EQUIPMENT:

RESPIRATORY PROTECTION: Mask where appropriate.

HAND PROTECTION: Gloves.

EYE PROTECTION: Goggles.

SKIN AND BODY PROTECTION: Wearing of closed work clothing is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|--|-----------------------|
| Colour | White, Red or Yellow. |
| Form | Shear thinning paste. |
| Odour | Low odour. |
| pH as supplied | Approximately 6.5–8.0 |
| Boiling point/range | Not determined. |
| Melting point/range | Not applicable. |
| Flash point | Not applicable. |
| Flammability (solid, gas) | Not self-igniting. |
| Auto ignition temperature | Not applicable. |
| Explosive properties | Not applicable. |
| Oxidizing properties | Not applicable. |
| Vapour pressure | Not applicable. |
| Specific Gravity | 1.26 to 1.30 |
| Solubility: | |
| Water solubility | Miscible. |
| Partition coefficient (n-octanol/water) | Not applicable. |
| Other data | |

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Avoid extremes of temperature especially frost and freezing conditions.

MATERIALS TO AVOID: None, under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition if stored and applied as directed.

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

| | |
|---------------------|---------------------------------|
| UK ROAD/RAIL | Not applicable. None hazardous. |
| IMDG | Not applicable. None hazardous. |
| ICAO | Not applicable. None hazardous. |
| ADR | Not applicable. None hazardous. |

15. REGULATORY INFORMATION

Supply classification:
Hazard symbol(s) EUH208 May produce allergic reaction

16. OTHER INFORMATION

| | |
|----------------------------|---|
| Recommended use | Coating with fire retardant / intumescent properties. |
| Further information | Consult technical data sheet. |

History

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|-------------------------|-----------------------------|
| Date of printing | 31 October 2018 |
| Date of issue | October 2018 |
| Version | 3 |
| Prepared by | Intumescent Systems Limited |

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

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. The information given in this safety data sheet is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.