



Product Number: 5

Intumescent – Coated Non Fibrous Slabs

Description:

A high density, fire-stopping sponge with white or black intumescent coating on both sides.

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

- (Appendix 2) Fire Proof Sponge
- (Appendix 6) Intumescent Slab Coating

*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 2. DEC 2015

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: Fire Proof Sponge
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

Not known to be a skin irritant

Dust can cause eye irritation

Dust generated from such operations as continuous grinding or buffing can great nuisance particles, this can cause irritation to the respiratory tract or even lung infection, airway obstruction and fibrosis

The Control of Substances Hazardous to Health Regulations (COSHH), includes dust of any kind when present at a concentration in air equal to or greater than 10mg.m³ 8-hour TWA of inhalable dust or 4mg.m³ 8-hour TWA of respirable dust

3. COMPOSITION / INFORMATION ON INGREDIENTS

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, particulate fillers and polymeric binding agent. Fire proof sponge as supplied does not contain any residual di-isocyanate.

4. FIRST AID MEASURES

Inhalation	No adverse effects anticipated
Skin contact	Wash off any foam dust
Eye contact	In case of dust particle 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.

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)
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

Methods for cleaning up	Pick up and sweep up as for any other inert material
Environmental Considerations	Do not allow to get into waste water or waterways

7. HANDLING AND STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice
Storage conditions	No special conditions required, but ideally to be stored in dry conditions
Further information	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

Protective Equipment	Unless exposure to foam dust is anticipated, dust masks, goggles and gloves are Not required
Ventilation	Mechanical ventilation should be considered in operations that generate large Quantities of foam dust

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Cellular foam.	
Colour	Dark Grey	
Odour	Faint, characteristic	
General Flammability	BS EN 13501-1 Fire Propagation Index Surface Spread of Flame Building Regs. 1991 (Fire Safety) Operating Temperature UL94 Classification Surface Burning Behaviour	Euroclass B-s1, d1 <12 BS476 pt 6 Class "1" BS476 pt 7 Class "0" BS476 pt 6 & pt 7 -30 to 100°C 94 V-0 UL 94 Class A ASTM E84-95
Density	>90 kg/M3 BS EN ISO 845	

10. STABILITY AND REACTIVITY

Stability Stable under normal conditions of handling

11. TOXICOLOGICAL INFORMATION

General Information No harmful effects have been reported to date

12. ECOLOGICAL INFORMATION

Degradability Almost inert

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

Not regulated for transport

15. REGULATORY INFORMATION

Fire Proof 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 Intumescent Systems Ltd has produced this data sheet.

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.

HEALTH & SAFETY INFORMATION SHEET
APPENDIX 6
SLAB COAT

29th April 2015. ISSUE 2

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: Slab Coat
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 (Monday to Friday 8.30 – 5.30)

2. HAZARDS IDENTIFICATION

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
C14-C17 chloroalkanes	85535-85-9	287-477-0	<7%	N Dangerous for the environment R50/53 Very toxic to aquatic organisms R64-66 May cause harm to breast fed babies

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, Black or Yellow.	Explosive properties	Not applicable.
Form	Shear thinning paste	Oxidizing properties	Not applicable.
Odour	Low odour.	Vapour pressure	Not applicable.
pH as supplied	Approximately 6.5–8.0	Specific Gravity	1.26 to 1.30
Boiling point/range	Not determined.	Solubility:	
Melting point/range	Not applicable.	Water solubility	Miscible.
Flash point	Not applicable.	Partition coefficient (n-octanol/water)	Not applicable.
Flammability (solid, gas)	Not self-igniting.		
Auto ignition temperature	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)	N Dangerous for the environment
Risk phrases	R50/53 Very toxic to aquatic organisms R64-66 May cause harm to breast fed babies.
Safety phrases	S25 Avoid contact with eyes. S26 In case of contact with eyes, rinse immediately with plenty of water, seek medical advice S39 Wear eye / face protection. S57 Use appropriate container to avoid environmental contamination.

16. OTHER INFORMATION

Recommended use	Coating with fire retardant / intumescent properties.
Further information	Consult technical data sheet.
R-Phrase from section 2	R50/53 – Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment
History	
Date of printing	12 May 2015
Date of issue	April 2015
Version	2
Prepared by	Intumescent Systems Limited

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