COSHH DATA SHEET

ENVIROGRAF®

HS063-04-2015

Product Number: 63
Intumescent Cement Filler

Description:

A buff or pink coloured ready-mixed intumescent cement filler that sets hard, like normal cement, but it does not crack. In a fire, it will expand to five times its original volume. Ideal for applying around pipes, services, and behind door frames, especially steel door frames. It is also used as a facing top coat over Envirograf® Product 44 (PVE/A foam).

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

- (Appendix 32) Intumescent Cement Filler

*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 32
INTUMESCENT CEMENT FILLER

15th April 2015 ISSUE 2

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME:	Intumescent Cement Filler
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

2. HAZARDS IDENTIFICATION

Health effects:

Skin	Alkaline, may cause slight irritation on prolonged / repeated contact.
Eyes	Alkaline, irritating to eyes.
Inhalation	No hazard under normal conditions of use.
Ingestion	Alkaline, may cause irritation to mouth and upper respiratory tract.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	**Codes**	**Concentration**	**R Phrases**	**Classification**
Sodium silicate	1344-09-8	<25%	R36 / 37/ 38	Xi

4. FIRST AID MEASURES

Skin contact	Remove contaminated clothing and wash contaminated skin thoroughly with soap and water. Seek medical attention if irritation persists.
Eye contact	Wash with water immediately for at least 15 minutes, holding the eye open. Obtain medical attention if soreness persists.
Inhalation	Remove the casualty to fresh air. Seek medical attention if irritation persists.
Ingestion	Do not induce vomiting. Rinse out mouth with water and if conscious drink 1 or 2 glasses of water (or milk). 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: Wear impervious suits, gloves and chemical goggles.
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: May react with aluminium, zinc, tin and other alloys evolving hydrogen gas.
Storage conditions: Store in closed containers between + 5°C and + 30°C in dry conditions. Avoid extremes of temperature and direct sunlight

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters: An exposure limit of 5mg/m³ (15 min TWA) is recommended by analogy with sodium hydroxide.
Engineering measures: Engineering methods to prevent or control exposures are preferred. Methods include the enclosure of the process or personnel.
Personal protection equipment:
Respiratory protection: Not applicable under normal use.
Hand protection: Gloves.
Eye protection: Chemical Goggles.
Skin and body protection: Protective overalls.
Handle in accordance with good industrial hygiene and safety practices. No eating, drinking or smoking in the workplace. Practice good personal hygiene

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	Buff / stone / pink.	**Explosive properties**	Not applicable.
Form	Smooth paste.	**Oxidizing properties**	Not applicable.
Odour	Low odour.	**Vapour pressure**	Not applicable.
pH as supplied	11.0 to 12.0, Alkaline.	**Bulk density**	1.7 to 1.8g/cm³
Boiling point/range	100°C.	**Solubility:**	
Melting point/range	Not applicable.	**Water solubility**	Miscible.
Flash point	Not applicable.	**Partition coefficient**	Not applicable.
Flammability (solid, gas)	Not applicable.	**(n-octanol/water)**	
Autoignition 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: This product will react with aluminium, zinc, tin and their alloys evolving hydrogen. Reaction with acids may be violent.
Hazardous decomposition Products: No decomposition if stored and applied as directed.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity The primary hazard is the alkalinity. Material may cause burns and can cause irritation

12. ECOLOGICAL INFORMATION

The material is soluble and sodium silicate will rapidly de-polymerise into molecular species indistinguishable from natural dissolved silica. The alkalinity of this product will have a local effect on ecosystems sensitive to changes in pH

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local and national regulations at approved sites

14. TRANSPORT INFORMATION

UK road/rail	Not classified as dangerous goods under UN Transport Recommendations.
UN Packing Group	No special packaging requirements. Do not use aluminium containers.
ICAO	Not applicable. None hazardous.
ADR	Not applicable. None hazardous

15. REGULATORY INFORMATION

Supply classification:	EC Classification Xi - irritant
Hazard symbol(s)	Xi - IRRITANT.
Risk phrases	R36/37/38 Irritating to eyes and skin.
Safety phrases	S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

16. OTHER INFORMATION

Recommended use	Intumescent fire stopping filler and cement.
Further information	Consult technical data sheet.

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.