



Product Number: 150 SVG & HMG Ventilation Grilles

Description:

SVG metal grille made to fit into the head of UPVC frames. Fitted with intumescent to fill void and completely seal the unit in the event of a fire whether open or closed.

HMG metal grille with hit & miss type opening. Fitted with intumescent to seal the grille whether it is open or closed.

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

- Graphite Intumescent Material (*Appendix 66*)
- Preformed Zintec steel plate (*not available*)

*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 66
GRAPHITE INTUMESCENT MATERIAL (RUBBER)

Version Number: 1.0
Revision Date: 22/06/2011

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: Graphite Intumescent Material (Rubber)

MANUFACTURER/SUPPLIER: Envirograf
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2. COMPOSITION/INFORMATION ON INGREDIENTS

Contains no reportable hazardous or complex substances

Main Components	CAS-No
Intumescent graphite	7440-440-0
Ethylene Propylene Diene Terpolymer	25038-36-2
Styrene Butadiene	9003-55-8
Severely Solvent Refined Residuum	64742-01-4
Aluminium Hydroxide	21645-51-2

3. HAZARDS IDENTIFICATION

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous as shipped is minimal. However, some vapours may be released upon heating and the end user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection etc.) to protect employees from exposure.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: Inhalation, Ingestion, Skin Contact

Acute Exposure

Inhalation: Particulates, like other inert materials can be mechanically irritating
Ingestion: May be harmful if swallowed
Eyes: Particulates, like other inert materials can be mechanically irritating
Skin: Experience shows no unusual dermatitis hazard from routine handling

Chronic Exposure: Refer to section 11 for Toxicological Information

Medical Conditions Aggravated by Exposure: None known

4. FIRST AID MEASURES

Inhalation:	Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Where symptoms persist or in all cases of doubt seek medical advice
Ingestion:	Do not induce vomiting without medical advice. Where symptoms persist or in all cases of doubt seek medical advice.
Eyes:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If irritation persists, seek medical attention.
Skin:	Wash off with soap & plenty of water. If skin irritation persists seek medical attention

5. FIRE-FIGHTING MEASURES

Flash point:	Not applicable
Flammable Limits	
Upper explosion limit:	Not applicable
Lower explosion limit:	Not applicable
Auto ignition temperature:	Not applicable
Suitable extinguishing media:	Water spray, Dry powder, Foam, Carbon Dioxide (CO ₂)
Special Fire Fighting Procedures:	Full-face self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
Unusual Fire/Explosion Hazards:	Carbon Dioxide (CO ₂), Carbon Monoxide (CO), oxides of Nitrogen (NO _x), other hazardous materials and smoke are all possible.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Wear appropriate personal protection during clean-up, such as impervious gloves, boots and coveralls.
Environmental precautions:	Should not be released into the environment. The product should not be allowed to enter drains, water courses or the soil.
Methods for cleaning up:	Clean up promptly by sweeping or vacuum. Package all material in plastic, cardboard or metal containers for disposal. Refer to Section 13 of this MSDS for proper disposal methods.

7. HANDLING AND STORAGE

Personal precautions:	Wear appropriate personal protection during clean-up, such as impervious gloves, boots and coveralls.
Storage:	Store in the original packaging to prevent contamination, preferably in a cool dark place

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection:	No personal respiratory protective equipment normally required when handling the product itself. See "Engineering Measures" section below for precautions to be taken when heating or processing this material.
Eye/Face protection:	Safety glasses with side-shields
Hand protection:	Protective gloves
Skin and body protection:	Long sleeved clothing
General Hygiene:	Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the day
Engineering measures:	Heat only in areas with appropriate exhaust ventilation. Adequate ventilation and/or appropriate respiratory protection may also be necessary to minimize employee exposure to processing vapours

9. PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid	Evaporation rate:	Not applicable
Appearance:	Sheet, Strip, Slab	Specific Gravity:	Not determined
Colour:	Grey/Black	Bulk Density:	Not established
Odour:	Characteristic Rubber Odour	Vapour pressure:	Not applicable
Melting point/range:	Not determined	Vapour density:	Not applicable
Boiling point:	Not determined	pH:	Not applicable
Water solubility:	Insoluble		

10. STABILITY AND REACTIVITY

Stability:	Stability
Hazardous Polymerisation:	Will not occur
Conditions to avoid:	Keep away from oxidizing agents and open flame. To avoid thermal decomposition do not overheat.
Incompatible materials:	Incompatibly with strong acids and oxidizing agents
Hazardous decomposition: Products	Carbon Dioxide (CO ₂). Carbon Monoxide (CO), oxides of Nitrogen (NO _x), other hazardous materials and smoke are all possible

11. TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects and no specific toxicological data is available. However, the mixture does not contain any known toxic ingredients.

See section 8 for Exposure Control/Personal Protection

12. ECOLOGICAL INFORMATION

Persistence and degradability:	Not readily biodegradable.
Environmental Toxicity:	Chemicals are not readily available as they are bound within the polymer matrix
Bioaccumulation Potential:	Chemicals are not readily available as they are bound within the polymer matrix
Additional Advice:	Not applicable

13. DISPOSAL CONSIDERATIONS

Product:	Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.
Contaminated packaging:	Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

14. TRANSPORT INFORMATION

Not regulated for transport by Land, Sea or Air

15. REGULATORY INFORMATION

This material is not dangerous as defined by EU Dangerous Substances/Preparations Directives

EU LABELING: Not regulated according to EC Directives.

16. OTHER INFORMATION

The information provided in this safety data sheet is correct to the best of our knowledge, at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.
