

APPLICATION DATA SHEET



ENVIROGRAF®

AP145-10-2019

Product Number: 145

Timber Frame Fire Coat

Description:

TFFC is a unique fire coating designed for protecting timber framed buildings during the construction phase. TFFC offers between 30 - 60 minutes fire rating dependent upon the thickness of the timbers. The coating dries offering a robust weather proof finish ideal for all open construction site conditions.

Application:

Can be applied using brush, roller or spray.

One coat at 12m² per litre is required for Class 0/Class 1 and European SBI

One coat at 6m² per litre is required for 30 minutes fire protection

Two coats at 8m² per litre per coat is required for 60 minutes fire protection

TFFC dries in one hour.

TFFC should be applied in dry conditions.

Tools and Storage:

Leave brush in cold soapy water then clean with brush cleaner.

Envirograf® recommends that the products are stored in temperatures between 5°C and 30°C. When transporting or storing the tins ensure that the product is not exposed to freezing conditions. Do not apply the product in temperatures less than 5°C.

Always check that the Product is within its Shelf life. If in doubt contact your supplier.



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Physical Data:

Type:	Water based fire protection product.
Colour:	White
Gloss:	N/A
Viscosity:	8-16 poise
Specific Gravity:	1.30

Use:

TFFC can be supplied in either white or coloured finishes. Simply apply by brush, roller or spray (see application sheet for further information). Dries in approximately 1 hour. TFFC should be applied in dry conditions.

Ordering references:

TFFC / 1-	1 LITRE
TFFC / 2.5-	2½LITRES
TFFC / 5-	5 LITRES
TFFC / 20-	20 LITRES



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

- (Appendix 60) Timber Frame Fire Coat

*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 60
TIMBER FRAME FIRE COAT

20th March 2018**1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

PRODUCT NAME:	Timber Frame Fire Coat
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)
PRODUCT USE:	Coatings: Waterborne paint

2. HAZARDS IDENTIFICATION**Hazard pictogram:**

Warning

Hazard statement:

1.3.5-Triazine-2.4.6-Triamine. Suspected of causing cancer. May cause damage to to organs through prolonged or repeated exposure.

Health effects:**Hazard Symbol**

May product an allergic reaction

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 (emulsion) polymer system.**Hazardous components:-**

Biocidal ingredients-contains:

- 2-methyl isothiazol-3(2H)-one. < 0.0006%. CAS No. 2682-20-4 H301 / H330 / H314 / H318 / H317 / H400
- Pyrithione Zinc < 0.0006% Cas No. 13463-41-7 H301 / H330 / H318 / H400 / H 410
- 1,2-benzisothiazol-3(2H)-one <0.0006% Cas No. 2634-33-5 H330 / H318 / H315 / H317
- 5-chloro-2-methy-3(2H)-isothiazolone / 2 – methyl3(2H)-isothiazolone (3:1) < 0.0000026% H311 / H330 / H314 / H317 / H400 / H410 / H318

Labelling with: EUH208 Contains - 5-chloro-2-methy-3(2H)-isothiazolone / 2 – methyl3(2H)-isothiazolone (3:1) - May cause allergic reaction.

1,3,5-Triazine-2,4,6-Triamine. <9.7% Cas No. 290-87-9 H351/H373 – Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

4. FIRST AID MEASURES

Skin contact: Remove contaminated clothing and wash contaminated skin with soap and water.

Eye contact: Wash with water for several 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 closed containers between + 5°C and + 30°C in dry conditions. Avoid extremes of temperature.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters Not applicable.

Engineering measures Not applicable.

Personal protection equipment:

Respiratory protection Not applicable.

Hand protection Gloves.

Eye protection Goggles.

Skin and body protection Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	White	Explosive properties	Not applicable.
Form	White paint	Oxidizing properties	Not applicable.
Odour	Low odour .	Vapour pressure	Not applicable.
pH as supplied	7.2 – 8.2	Bulk density	1.28 to 1.31 g/cm ³
Boiling point/range	Not determined.	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)	
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):

May product an allergic reaction.

Trace elements carry the following H-phrases for their bulk material:
H301 H302 H311 H314 H315 H317 H318 H330 H400 H410 H411

Risk phrases:

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Safety phrases:

S2 – Keep out of the reach of children
S23 – Do not breathe vapour/spray.

16. OTHER INFORMATION

Recommended use	Decorative coating with fire retardant properties.
Further information	Consult technical data sheet.

History

Date of printing

27 July 2023

Date of issue	March 2018
Version	5
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.