



Product Number: 81

Fire Protection Coating for Glass Fibre and PVC

Description:

A virtually odourless, clear or white Class 1 fire retardant coating for Glass Fibre, Plastics & PVC. Semi flexible and water based. When exposed to fire or heat, the product develops a microporous intumescent foam layer which protects the glass fibre, plastics or PVC with its low caloric conductivity. Can be used on plastic and glass fibre, such as the internal section of glass fibre boats, cable housings, engine housings and the internal side of glass fibre sheeting.

Coverage:

Clear: 3 coats @ 6m² per litre per coat
White: 2 coats @ 4m² per litre per coat

Storage:

White can be stored for at least 6 months at room temperature but Clear for only 3 months. Protect from frost. Reseal opened containers well after use

Ordering References:

Available in 1litre, 2.5 litre, 5 litre and 20 litre containers

EP/GC + finish (white or clear)

Note: All paints can be colourised for an additional charge

APPLICATION DATA SHEET



ENVIROGRAF®

AP081-08-2018

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Application:

Surface should be dry and grease free. Old non-bonding coating should be removed completely. Apply primer coat first if required. EP/GC Can be applied using brush or spray. Stir well before use. Apply at temperature above +10°C and relative air humidity under 80%.

White normally applied at a rate of 2 coats at 4m² per litre per coat.

Clear normally applied at a rate of 3 coats at 6m² per litre per coat.

Contact the technical department for more information – 01304 842555

Tools:

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



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WHITE

Description:

A virtually odourless, clear or white fire-retardant coating for Glass Fibre, Plastics & PVC. Semi flexible and water based. When exposed to fire or heat, the product develops a microporous intumescent foam layer which protects the glass fibre, plastics or PVC with its low caloric conductivity.

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

- (Appendix 38) EPI/GC White

*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 38
EP/GC coating for Fibreglass

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

PRODUCT NAME:	EP/GC White
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 :



Signal word

Warning

Hazard statements

1,3,5-Triazine-2,4,6-Triamine. Suspected of causing cancer. May cause damage to organs through prolonged or repeated exposure.

Health effects:



Hazard Symbol

May produce 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	Flash point	Not applicable.
Form	White paint	Flammability (solid, gas)	Not applicable.
Odour	Low odour.	Auto ignition temperature	Not applicable.
pH as supplied	7.2 – 8.2	Explosive properties	Not applicable.
Boiling point/range	Not determined.	Oxidizing properties	Not applicable.
Melting point/range	Not applicable.	Vapour pressure	Not applicable.

Bulk density 1.28 to 1.31 g/cm³

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):



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.