



# WOOD FINISHES DIRECT

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[Envirograf ES VFR Clear Fire Protection Coating](#)

# COSHH DATA SHEET



**ENVIROGRAF®**

HS092 ES/VFR/C-10-2013

Product Number: 92

## ES/VFR Clear

Fire protection coating for wood, wood boards MDF melamine and veneered boards, and wood related products.

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

- (Appendix 62) ES/VFR/C

\*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.

SDS Compliant with Regulation (EC) No 1907/2006 - N° 453/2010**1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND THE COMPANY / UNDERTAKING**

<b>Product name and/or code</b>	<b>ESVFR CLEAR</b>		
<b>Supplier/Manufacturer</b>	Intumescent Systems Ltd Barfrestone Nr Dover Kent CT15 7JG England Website: <a href="http://www.envirograf.com">www.envirograf.com</a> Email: <a href="mailto:sales@envirograf.com">sales@envirograf.com</a>	Telephone: (01304) 842555 Fax: (01304) 842666	
<b>Emergency telephone number</b>	Contact National Poison Centre via Hospital or General Practitioner		
<b>Product use</b>	Coatings: Waterborne paint		

**2. HAZARDS IDENTIFICATION****Health effects:**

<b>Skin</b>	May cause slight irritation on prolonged / repeated contact.
<b>Eyes</b>	May cause some irritation.
<b>Inhalation</b>	No hazard under normal conditions of use.
<b>Ingestion</b>	Low toxicity.
<b>Physical/chemical effects</b>	Not applicable.

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Chemical characterization**                      Aqueous (emulsion) polymer system.

Chemical Name	CAS No.	EC Number	%	Classification
Ethylene Glycol	107-21-1		< 1.0	Xn;R22
Water dispersion of Styrene Acrylic Copolymer.	No hazardous components according to EU directive 1999/45/EC.			

#### 4. FIRST AID MEASURES

<b>Skin contact</b>	Remove contaminated clothing and wash contaminated skin with soap and water.
<b>Eye contact</b>	Wash with water for several minutes. If irritation persists seek medical advice.
<b>Inhalation</b>	Remove the casualty to fresh air.
<b>Ingestion</b>	Rinse out mouth with water and if conscious drink plenty of water. Seek medical attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Extinguishing media</b>	Foam, carbon dioxide, powder, and water spray.
<b>Extinguishing media which must not be used for safety reasons</b>	None known.
<b>Special exposure hazards</b>	None known.
<b>Special protective equipment for fire-fighters</b>	Chemical protection suit / gloves / boots and self contained breathing apparatus.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions</b>	Use personal protection equipment.
<b>Environmental precautions</b>	Do not dispose of into surface water or sanitary sewer system.
<b>Methods for cleaning up</b>	Scrape up excess and dispose of at an approved site.

#### 7. HANDLING AND STORAGE

<b>Handling precautions</b>	Not applicable.
<b>Storage conditions</b>	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.
<b>Personal protection equipment:</b>	
Respiratory protection	Not applicable.
Hand protection	Gloves.
Eye protection	Goggles.
Skin and body protection	Not applicable.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	Clear.
Form	Clear, varnish like.
Odour	Low odour .
pH as supplied	7.2 – 8.2
Boiling point/range	Not determined.
Melting point/range	Not applicable.
Flash point	Not applicable.
Flammability (solid, gas)	Not applicable.
Autoignition temperature	Not applicable.
Explosive properties	Not applicable.
Oxidizing properties	Not applicable.
Vapour pressure	Not applicable.
Bulk density	1.28 to 1.31 g/cm <sup>3</sup>
<b>Solubility:</b>	
Water solubility	Miscible.
Partition coefficient (n-octanol/water)	Not applicable.
Other data	

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to avoid</b>	Avoid extremes of temperature especially frost and freezing conditions.
<b>Materials to avoid</b>	None, under normal conditions of use.
<b>Hazardous decomposition products</b>	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

<b>UK road/rail</b>	Not applicable. None hazardous.
<b>IMDG</b>	Not applicable. None hazardous.
<b>ICAO</b>	Not applicable. None hazardous.
<b>ADR</b>	Not applicable. None hazardous.

## 15. REGULATORY INFORMATION

**Supply classification:**

<b>Hazard symbol(s)</b>	None.
<b>Risk phrases</b>	This product is not classified according to EU legislation.
<b>Safety phrases</b>	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.

**R-Phrase from section 2** R22 – Harmful if swallowed.

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