



Product Number: 83

### EP/FS/TCW WATER-BASED TOP COAT FOR STEEL

**Description:**

A water based protective coating for internal and non-exposed areas.

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

- *(Appendix 75) EP/FS/TCW*

\*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 37**  
*EP/FS/TCW*

Issue 2. May 2015

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**1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

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**PRODUCT NAME:** EP/FS/TCW  
**MANUFACTURER/SUPPLIER:** Envirograf  
**ADDRESS:** Envirograf House, Barrestone, 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)

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**2. HAZARDS IDENTIFICATION**

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**Health effects:**

**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.

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**3. COMPOSITION / INFORMATION ON INGREDIENTS**

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

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**4. FIRST AID MEASURES**

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**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.

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**5. FIRE-FIGHTING MEASURES**

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**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.

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**6. ACCIDENTAL RELEASE MEASURES**

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**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.

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**7. HANDLING AND STORAGE**

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**Handling precautions** Not applicable.  
**Storage conditions** Store in closed containers between + 5°C and + 30°C in dry conditions. Avoid extremes of temperature.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**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.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Colour** White  
**Form** White Paint  
**Odour** Low odour.  
**pH as supplied** Approximately 7.0 to 8.0  
**Boiling point/range** Not determined.  
**Melting point/range** Not applicable.  
**Flash point** Not applicable.  
**Flammability (solid, gas)** Not applicable.  
**Auto ignition temperature** Not applicable.  
**Explosive properties** Not applicable.  
**Oxidizing properties** Not applicable.  
**Vapour pressure** Not applicable.  
**Bulk density** 1.0 to 1.4g/cm<sup>3</sup>  
**Solubility:**  
**Water solubility** Miscible.  
**Partition coefficient (n-octanol/water)** Not applicable.

**Other data**

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## 10. STABILITY AND REACTIVITY

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**Stability:** Stable under normal conditions.  
**Conditions to 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.

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## 11. TOXICOLOGICAL INFORMATION

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There are no data available on the preparation itself

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## 12. ECOLOGICAL INFORMATION

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There are no data available on the preparation itself.  
Do not allow to enter drains or watercourses.

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## 13. DISPOSAL CONSIDERATIONS

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Dispose of in accordance with local regulations at approved sites.

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## 14. TRANSPORT INFORMATION

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<b>UK road/rail</b>	Not applicable. Non-hazardous.
<b>IMDG</b>	Not applicable. Non-hazardous.
<b>ICAO</b>	Not applicable. Non-hazardous.
<b>ADR</b>	Not applicable. Non-hazardous.

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## 15. REGULATORY INFORMATION

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### 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.

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## 16. OTHER INFORMATION

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<b>Recommended use</b>	Coating with fire retardant / intumescent properties.
<b>Further information</b>	Consult technical data sheet.
<b>R-Phrase from section 2</b>	R22 - Harmful if swallowed. R36 - Irritating to eyes. R38 – Irritating to skin.

### History

<b>Date of printing</b>	22 May 2015
<b>Date of issue</b>	May 2015
<b>Version</b>	2
<b>Prepared by</b>	Intumescent Systems Limited

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