

# APPLICATION DATA SHEET



**ENVIROGRAF®**

AP083- EP/FS/TCW-11-2018

## Product Number: 83 EP/FS/TCW Water-Based Top Coating for Steel

### **Description:**

A hard and glossy top coat based on an acrylic emulsion, giving very good weather resistance. For internal and non-exposed areas

### **Preparation:**

Ensure that the surface of the steel is clean and dry and free from contaminants immediately prior to application.

### **Application:**

Envirograf® EP/FS/TCW can be applied using brush, roller or spray at a rate of 10 - 12m<sup>2</sup> per litre. Do not thin – use straight from the tin. However if applying by spray up to 10% water may be added. The coating is touch dry in two hours.

Clean tools and spillages with warm water. Keep containers tightly closed and protect from frost.

# SAFETY DATA SHEET



**ENVIROGRAF®**

HS083-EP/FS/TCW-11-2018

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 75

EP/FS/TCW WHITE

Issue 3. August 2018

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### 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

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**PRODUCT NAME:** EP/FS/TCW WHITE  
**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 & 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:**

### 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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<b>Colour:</b>	White.
<b>Form:</b>	White paint.
<b>Odour:</b>	Slight.
<b>pH as supplied:</b>	7-8
<b>Boiling point/range:</b>	Not applicable.
<b>Melting point/range:</b>	Not applicable.
<b>Flash point:</b>	Not applicable.
<b>Flammability (solid, gas):</b>	Not applicable.
<b>Autoignition temperature:</b>	Not applicable.
<b>Explosive properties:</b>	Not applicable.
<b>Oxidizing properties:</b>	Not applicable.
<b>Vapour pressure :</b>	Not applicable.
<b>Bulk density:</b>	1.20 to 1.23g/cm <sup>3</sup>
<b>Solubility:</b>	
<b>Water solubility:</b>	Miscible.
<b>Partition coefficient: (n-octanol/water)</b>	Not applicable.

**Other data:**

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## 10. STABILITY AND REACTIVITY

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**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.

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## 11. TOXICOLOGICAL INFORMATION

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Not applicable

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## 12. ECOLOGICAL INFORMATION

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Not applicable

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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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**UK road/rail:** Not applicable. None hazardous.  
**IMDG:** Not applicable. None hazardous.  
**ICAO:** Not applicable. None hazardous.  
**ADR:** Not applicable. None hazardous.

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#### 15. REGULATORY INFORMATION

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**Supply classification:**

**Hazard symbol(s):** None.

**Safety phrases:** None.

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#### 16. OTHER INFORMATION

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**Recommended use:** Top coat for use over EP/FS/IN WATER BASED

**Further information:** Consult technical data sheet.

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.

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### Product Number: 83 EP/FS/TCW Water-Based Top Coating for Steel

#### **Description:**

A hard and glossy top coat based on an acrylic emulsion, giving very good weather resistance. For internal and non-exposed areas

#### **Coverage:**

EP/FS/TCW is supplied ready for use and does not need thinning.  
Apply 1 coat at 10 – 12m<sup>2</sup> per litre.

#### **VOC Content:**

EU limit value for this product (Cat A/d): 130g/l (2010)  
This product contains 30g/l VOC

#### **Ordering references:**

EP/FS/TCW + size required (available in 1 litre, 2.5 litre and 5 litre containers)