



Product Number: 83

### Intumescent Coating for Steel Protection

**Description:**

Smooth-finish intumescent paint system for the protection of Steel and Aluminium. Can be applied over existing paint after removal of any loose particles and washing down.

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

- (Appendix 17) Steel Paint

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. The information given in this safety data sheet is meant to be a description of the safety requirements for our product. It is not to be considered a guarantee of the product's properties.

**HEALTH & SAFETY INFORMATION SHEET**  
**APPENDIX 17**  
**STEEL PAINT**

14<sup>th</sup> April 2015**1. IDENTIFICATION OF THE PREPARATION AND COMPANY**

PRODUCT NAME:	Steel Paint
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
PRODUCT USE:	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
Chlorinated Paraffin C14 - C17	85535-85-9	287-477-0	<5.0%	N Dangerous for the environment R50/53 Very toxic to aquatic organisms R64-66 May cause harm to breast fed babies.

**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.

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## 5. FIRE-FIGHTING MEASURES

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<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.

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## 6. ACCIDENTAL RELEASE MEASURES

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<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.

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## 7. HANDLING AND STORAGE

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<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.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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<b>Control parameters</b>	Not applicable.
<b>Engineering measures</b>	Not applicable.
<b>Personal protection equipment:</b>	
<b>Respiratory protection</b>	Not applicable.
<b>Hand protection</b>	Gloves.
<b>Eye protection</b>	Goggles.
<b>Skin and body protection</b>	Not applicable.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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

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## 10. STABILITY AND REACTIVITY

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<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.

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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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<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.

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## 15. REGULATORY INFORMATION

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**Supply classification:**

**Hazard symbol(s)**



**Risk phrases**

N Dangerous for the environment.  
 R50/53 Very toxic to aquatic organisms  
 R64-66 May cause harm to breast fed babies.

**Safety phrases**

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

**R-Phrase from section 2** N Dangerous for the environment  
R50/53 Very toxic to aquatic organisms  
R64-66 May cause harm to breast fed babies.

**History**

<b>Date of printing</b>	20 April 2015
<b>Date of issue</b>	December 2009
<b>Version</b>	1
<b>Prepared by</b>	Intumescent Systems Limited

The information contained in the Health and Safety Data Sheet is provided in accordance with the requirements of the CHIP Regulations. The product should not be used for purposes other than those shown in section 1 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 national 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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