Product Number: 92

ES/VFR/1CS White

ES/VFR One-Coat White Special is a water-based 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 17) ES/VFR/1CS 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.*
1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: ES/VFR/1CS 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  
PRODUCT USE: Coatings: Waterborne paint

2. HAZARDS IDENTIFICATION

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.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization Aqueous (emulsion) polymer system.

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>EC Number</th>
<th>%</th>
<th>Classification</th>
</tr>
</thead>
</table>
| 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

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colour</td>
<td>White</td>
</tr>
<tr>
<td>Form</td>
<td>White paint</td>
</tr>
<tr>
<td>Odour</td>
<td>Low odour</td>
</tr>
<tr>
<td>pH as supplied</td>
<td>7.2 – 8.2</td>
</tr>
<tr>
<td>Boiling point/range</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Bulk density</td>
<td>1.28 to 1.31 g/cm³</td>
</tr>
<tr>
<td>Solubility</td>
<td>Miscible</td>
</tr>
<tr>
<td>Water solubility</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not applicable</td>
</tr>
</tbody>
</table>

10. STABILITY AND REACTIVITY

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stability</td>
<td>Stable under normal conditions</td>
</tr>
<tr>
<td>Conditions to avoid</td>
<td>Avoid extremes of temperature especially frost and freezing conditions.</td>
</tr>
<tr>
<td>Materials to avoid</td>
<td>None, under normal conditions of use.</td>
</tr>
<tr>
<td>Hazardous decomposition products</td>
<td>No decomposition if stored and applied as directed.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Mode</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK road/rail</td>
<td>Not applicable. None hazardous.</td>
</tr>
<tr>
<td>IMDG</td>
<td>Not applicable. None hazardous.</td>
</tr>
<tr>
<td>ICAO</td>
<td>Not applicable. None hazardous.</td>
</tr>
<tr>
<td>ADR</td>
<td>Not applicable. None hazardous.</td>
</tr>
</tbody>
</table>
15. REGULATORY INFORMATION

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.

16. OTHER INFORMATION

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

Date of printing 15 September 2015
Date of issue December 2009
Version 1
Prepared by 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.