# SAFETY DATA SHEET

ENVIROGRAF®

HS042-HW01-08-2018

## Product Number: 42

## HW01

**Description:**

The HW System (Product 42) offers a white coating designed to upgrade new and existing timber substrates, offering up to 30 or 60 minutes fire protection meeting both UK National and European Fire Regulations.

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

- (*Appendix 17)* HW01

*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 17**
*HW01*

20th March 2018

## 1. IDENTIFICATION OF THE PREPARATION AND COMPANY

| | |
|---|---|
| PRODUCT NAME: | **AS ABOVE** |
| 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 (Monday to Friday 8.30 – 5.30) |
| PRODUCT USE: | Coatings: Waterborne paint |

## 2. HAZARDS IDENTIFICATION

**Health effects:**

**Hazard Symbol** May product an allergic reaction

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|---|---|
| **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.

**Hazardous components:-**
Biocidal ingredients-contains:
- 2-methyl isothiazol-3(2H)-one. < 0.0006%. CAS No. 2682-20-4 H301 / H330 / H314 / H318 / H317 / H400
- Pyrithione Zinc < 0.0006% Cas No. 13463-41-7 H301 / H330 / H318 / H400 / H 410
- 1,2-benzisothiazo-3(2H)-one <0.0006% Cas No. 2634-33-5 H330 / H318 / H315 / H317
- 5-chloro-2-methy-3(2H)-lisothiazolone / 2 – methyl3(2H)-isothiazolone (3:1) < 0.0000026% H311 / H330 / H314 / H317 / H400 / H410 / H318

**Labeling with: EUH208** Contains - 5-chloro-2-methy-3(2H)-lisothiazolone / 2 – methyl3(2H)-isothiazolone (3:1) - May cause allergic reaction.

## 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

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|---|---|---|---|
| **Colour** | White | **Explosive properties** | Not applicable. |
| **Form** | White paint | **Oxidizing properties** | Not applicable. |
| **Odour** | Low odour . | **Vapour pressure** | Not applicable. |
| **pH as supplied** | 7.2 – 8.2 | **Bulk density** | 1.28 to 1.31 g/cm³ |
| **Boiling point/range** | Not determined. | **Solubility:** | |
| **Melting point/range** | Not applicable. | **Water solubility** | Miscible. |
| **Flash point** | Not applicable. | **Partition coefficient** | Not applicable. |
| **Flammability (solid, gas)** | Not applicable. | **(n-octanol/water)** | |
| **Auto ignition temperature** | Not applicable. | **Other data** | |

## 10. STABILITY AND REACTIVITY

**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.

## 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

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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. |

## 15. REGULATORY INFORMATION

**Supply classification:**

**Hazard symbol(s):**

May product an allergic reaction.

Trace elements carry the following H-phrases for their bulk material:
H301 H302 H311 H314 H315 H317 H318 H330 H400 H410 H411

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| **Risk phrases:** | - |
| **Safety phrases:** | S2 – Keep out of the reach of children<br>S23 – Do not breathe vapour/spray. |

## 16. OTHER INFORMATION

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|---|---|
| **Recommended use** | Decorative coating with fire retardant properties. |
| **Further information** | Consult technical data sheet. |
| **History** | |
| **Date of printing** | 14 August 2018 |
| **Date of issue** | March 2018 |
| **Version** | 5 |
| **Prepared by** | Intumescent Systems Limited |

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.