

SAFETY DATA SHEET



ENVIROGRAF®

HS042-HW04UCW-03-2019

Product Number: 42 HW04 Undercoat White (Water based)

Description:

Envirograf® HW04 UNDERCOAT is a white water based undercoat for use over HW01F White Intumescent Coating before applying a top coat.

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

- (Appendix 21) HW04 White Water Based Undercoat

*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 21
HW04 WHITE WATER BASED UNDERCOAT

Issue 3. August 2018

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME:	HW04 White Water Based Undercoat
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)

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

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 & 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:

PERSONAL PROTECTION EQUIPMENT

RESPIRATORY PROTECTION: Not applicable.

HAND PROTECTION: Gloves.

EYE PROTECTION: Goggles.

SKIN AND BODY PROTECTION: Not applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

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

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): None.

Safety phrases: None.

16. OTHER INFORMATION

Recommended use: Undercoat for use over HW01 before applying further top coat

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.



Product Number: 42 HW04 Undercoat White (Water based)

Description:

Envirograf® HW04 UNDERCOAT is a white water based undercoat for use over HW01 White Intumescent Coating before applying any proprietary top coat or HW Acrylic white coating.

Coverage:

HW04 Undercoat is supplied ready for use and does not need thinning. However when applied by spray up to 10% water may be added. Can be applied using brush, roller or spray. Apply 1 coat at 10 – 12m² per litre. Coating is touch dry in 2 hours

VOC Content:

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

Ordering references:

HW04 Undercoat White + size required (available in 1 litre, 2.5 litre and 5 litre containers)

APPLICATION DATA SHEET



ENVIROGRAF®

AP042-HW04 UCW-03-2019

Product Number: 42 HW04 Undercoat White (Water based)

Description:

Envirograf® HW04 UNDERCOAT is a white water based undercoat for use over HW01 White Intumescent Coating before applying any proprietary top coat or HW Acrylic white coating.

Coverage:

Approximately 10 - 12m² per litre.

Preparation and Application:

All surfaces should be clean, dry and free from contamination, with no loose particles.

Apply over Envirograf® HW01 with either brush, roller or spray. Do not thin – use straight from the can. However, when applied by spray, up to 10% water may be added. The coating is touch dry in 2 hours.

Tools and Storage:

Clean tools and spillages with warm water.

Containers must be kept tightly closed and stored at a minimum temperature of 10°C and a maximum temperature of 35°C. Protect from frost. Do not allow containers to stand on the floor.

Precautions:

- Ensure good ventilation during application and drying.
- Avoid contact with skin and eyes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner. Do not use solvent or thinners.
- If swallowed seek medical advice immediately.
- Keep out of the reach of children.