SAFETY DATA SHEET

ENVIROGRAF®

HS042-HWAP-05-2021

Product Number: 42

HWAP Water Based Primer

Description:

HWAP adhesion primer is a water-based clear primer to apply over existing painted or varnished surfaces before applying other coatings.

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

- (*Appendix 16)* HWAP

*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 16
HWAP

Issue 6 May 2020

SECTION 1: IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: HW Water Based Adhesion Primer Clear
RELEVANT IDENTIFIED USES: Coating for consumer applications, professional applications & industrial use
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)

This safety datasheet complies with the requirements of Regulation (EC) No. 830/2015, (EC) No 1272/2008 and UK REACH

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Labelling (REGULATION (EC) No 1272/2008)
The product is not classified as dangerous according to Regulation (EC) No. 1272/2008

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)
The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Additional Labelling
EUH208 Contains: 1,2-Benzisothiazol-3(2H)-one and 2-methyl-2H -isothiazol-3-one **May produce an allergic reaction**.
The treated article incorporates biocidal products

2.3 Other hazards
No other information.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERIZATION: Aqueous (emulsion) polymer system.

Chemical Name	CAS No.	Concentration (%)	Classification (REGULATION (EC) No 1272/2008)
Pyrithione zinc	13463-41-7	≤ 0.0227	H301 (3), H330 (2), H318 (1), H400 (1), H410 (1)
1,2-Benzisothiazol-3(2H)-on	2634-33-5	≤ 0.0227	H330 (2), H318 (1), H318 (1), H400 (1), H411 (2), H302 (4), H315 (2), H317 (1)

2-methylisothiazol-3(2H)-one	2682-20-4	≤ 0.0027	H301 (3) H330 (2), H314 (1B), H318 (1), H400 (1B), H318 (1), H400 (1), H411 (2), H317 (1A)
Polypropylene glycol	25322-69-4	≤ 0.27	H302

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures
General advice: Get medical attention if symptoms occur.
Show this safety data sheet to the doctor in attendance.

If inhaled: Remove person to fresh air. If signs/symptoms continue, get medical attention.

In case of skin contact: Wash off immediately with soap and plenty of water. Remove contaminated clothing. If irritation develops, get medical attention.
Wash contaminated clothing before reuse.

In case of eye contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

If swallowed: If accidentally swallowed obtain immediate medical attention.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms: Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.
Repeated or prolonged exposure may cause irritation of eyes and skin.

4.3 Indication of any immediate medical attention and special treatment needed
Treatment: No information available, treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media
Suitable extinguishing media: Foam, carbon dioxide, powder, and water spray.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media: High volume water jet.

5.2 Special hazards arising from the substance or mixture
Specific hazards during firefighting: The pressure in sealed containers can increase under the influence of heat.

5.3 Advice for firefighters
Special protective equipment for firefighters: Use personal protective equipment. Chemical protection suit/ gloves/ boots and self-contained breathing apparatus.

Further information:
Prevent fire extinguishing water from contaminating surface water or the ground water system.
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures
Personal precautions: Use personal protective equipment.

6.2 Environmental precautions
Environmental precautions: Do not dispose of into surface water or sanitary sewer systems. The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and material for containment and cleaning up
Methods for cleaning up: Prevent further leakage or spillage if safe to do so.
Large spills should be collected mechanically (remove by pumping) for disposal.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Pick up and transfer to properly labelled containers.

6.4 Reference to other sections
For disposal considerations see section 13. For personal protection see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Advice on safe handling: Wear personal protective equipment.
For personal protection see section 8.
Avoid inhalation, ingestion and contact with skin and eyes.
Do not use in areas without adequate ventilation.
Smoking, eating and drinking should be prohibited in the application area.
Hygiene measures: Wash hands before breaks and immediately after handling the product.
When using do not eat, drink or smoke.

7.2 Conditions for safe storage
Requirements for storage areas and containers: Store in original container.
Keep in properly labelled containers.
Store between 5 and 30 °C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight.
Do not freeze.

No decomposition if stored and applied as directed.

7.3 Specific end use(s)
Specific use(s):
Consult the technical guidelines for the use of this.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters
Not applicable

8.2 Exposure controls

Personal protection equipment:
Eye protection: Safety glasses with side-shields conforming to EN166

Hand protection
Material: Nitrile rubber
Break through time: 480 min
Glove thickness: 0.1 - 0.4 mm

Remarks: Protective gloves complying with EN 374. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.

Skin and body protection: not required under normal use
Skin should be washed after contact.
Remove and wash contaminated clothing before re-use.

Respiratory protection: not required under normal use
Protective measures: Ensure that eye flushing systems and safety showers are located close to the working place.

Engineering measures:
Use adequate ventilation and/or engineering controls in high temperature processing to prevent
Exposure to vapours.
Ensure adequate ventilation, especially in confined areas.

Environmental exposure controls
General advice:
The product should not be allowed to enter drains, water courses or the soil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties
Appearance: liquid, aqueous dispersion
Colour: Milky white/yellow
Odour: ester-like
Odour Threshold: not determined
pH: 7.0 - 8.5
Melting point/freezing point: 0oC
Boiling point: 100oC
Flash point: Not applicable
Evaporation rate: Not determined
Flammability (solid, gas): The product is not flammable.
Upper explosion limit: Not applicable
Lower explosion limit: Not applicable
Vapour pressure: Not determined
Relative vapour density: Not determined
Relative density: 1.0 – 1.1 g/cm3

Solubility (ies)
Water solubility: insoluble, completely miscible, in all proportions
Partition coefficient: noctanol/water: not determined
Auto-ignition temperature: Not applicable

Viscosity
Viscosity: 1.5 – 3.5 Pa·s
Explosive properties: Not applicable
Oxidizing properties: Not applicable

9.2 Other information
No further information.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity
No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Hazardous reactions: None known.

10.4 Conditions to avoid
Conditions to avoid: Extremes of temperature and direct sunlight. In particular frost and freezing conditions.

10.5 Incompatible materials
Materials to avoid: None known.

10.6 Hazardous decomposition products
No decomposition if stored and applied as directed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Remarks: No data is available on the product itself.
Information given is based on data on the components and the toxicology of similar products.

Product:
Acute oral toxicity: Acute toxicity estimate: 162.651 mg/kg
Method: Calculation method

Other:
No data available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
No data available

12.2 Persistence and degradability
Product:
Biodegradability: Remarks: Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

Physico-chemical removability: 98 %
Method: OECD Test Guideline 302
Remarks: The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

12.3 Bioaccumulative potential
Product:
Bioaccumulation: Remarks: Bioaccumulation is unlikely.

12.4 Mobility in soil
Remarks: No data available

12.5 Results of PBT and vPvB assessment
This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 Other adverse effects
Product:
Additional ecological information: This product has no known ecotoxicological effects.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product: In accordance with local and national regulations.
The product should not be allowed to enter drains, watercourses or the soil.
Waste water from subsequent processing should be given appropriate treatment in line with local regulations.

Contaminated packaging: In accordance with local and national regulations

SECTION 14: TRANSPORT INFORMATION

14.1 UN number
Not dangerous goods

14.2 UN proper shipping name
Not dangerous goods

14.3 Transport hazard class(es)
Not dangerous goods

14.4 Packing group
Not dangerous goods

14.5 Environmental hazards
Not dangerous goods

14.6 Special precautions for user
Remarks: Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
Remarks: Not applicable

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59).	:This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).
REACH - List of substances subject to authorisation (Annex XIV)	:Not applicable
Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances	:Not applicable

15.2 Chemical safety assessment
Not applicable

SECTION 16: OTHER INFORMATION

Full text of H-statements

H301	Toxic if swallowed
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H330	Fatal if inhaled
H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H411	Toxic to aquatic life with long lasting effects

Trace amounts of biocide in the product carry these H-phrases in their raw forms.

RECOMMENDED USE	Adhesion Primer for wood - undercoat for wood paints and varnishes.
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 UK 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 and UK 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.