COSHH DATA SHEET

ENVIROGRAF®

Product Number: 42

HW Superb White Top Coat

Description:

A water based product to apply over HW01/F – no need for an undercoat. Available in Gloss finish.

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

- *(Appendix 73)* HW Superb 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.

HEALTH & SAFETY INFORMATION SHEET
APPENDIX 73
HW Superb White Top Coat

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME:	HW Superb White Top Coat
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

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to the CHIP Regulations. Also refer to section 11

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substances presenting a health or environmental hazard within the meaning of the CHIP Regulations or which are assigned Workplace Exposure Limits:-

Name	EC No.	CAS No. Conc.	Symbol* Range	R Phrases*	
Cobalt borate neodecanoate	270-601-2	68457-13-6	<1%	Xn	R22,38,43,51,53
Propane 1,2 diol	200-338-0	57-55-6	<2.5%	-	-
Fatty acid amine, compound	-	164383-18-0	<2.5%	Xi.N	R36,38,51,53

*for full text see section 16

4. FIRST AID MEASURES

General
In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
After inhalation
Take the casualty into the fresh air and keep warm. Irregular breathing/no breathing: artificial respiration. Unconsciousness: lateral position - call a physician.
After skin contact
Immediately remove all contaminated clothing. Wash away with soap and water and rinse. Do NOT use solvents or thinners.
After eye contact
Remove contact lenses, keep eyelids open. Flush with plenty of water (10 - 15 min.). Call a physician.
After ingestion
Contact a doctor immediately. Fever: confine to bed and dispense antipyretica. Do not induce vomiting

5. FIRE-FIGHTING MEASURES

The liquid products are 'non-flammable'
Suitable Extinguishing Media
Alcohol resistant foam, CO2, powders, water spray.
Unsuitable extinguishing media: Waterjet.

Recommendations: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. Appropriate breathing apparatus may be required. Cool closed containers exposed to fire with water spray. Do not allow the run off from firefighting to enter drains or watercourses.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions
Do not inhale the vapour. Refer to protective measures listed in sections 7 and 8. Provide for sufficient ventilation.

Environmental precautions
Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

Methods for cleaning up/collecting
Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13). Clean preferably with a detergent; avoid use of solvents. Prevent the generation and inhalation of harmful dust and fumes when preparing surfaces previously coated with lead containing paints, for further information see section 16 – 'Lead in previously painted surfaces'

7. HANDLING AND STORAGE

Handling: Avoid skin and eye contact. Avoid inhalation of vapour. Smoking, eating and drinking should be prohibited in storage and use areas. For Occupational Exposure Controls measures see section 8. Keep the container tightly closed. Never use pressure to empty; the container is not a pressure vessel. Prevent the generation and inhalation of harmful dust and fumes when preparing surfaces previously coated with lead containing paints, for further information see section 16 – 'Lead in previously painted surfaces'
The Manual Handling Operations Regulations may apply to the handling of containers/packages of this product. . To assist employers the following method of calculating the weight of any pack size is given. Take the pack size volume in litres and multiply this figure by the specific gravity value given in section 9. This will give the net weight of the product in kilograms. Allowance will then have to be made for the immediate packaging to give an approximate gross weight.
Storage: Observe label precautions. Store between 5°C and 25°C in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Keep out of reach of children. Store separately from oxidizing agents and strongly alkaline and strongly acidic materials. Containers which are opened should be properly resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapours below the relevant Exposure Limit Values, suitable respiratory protection must be worn (see 'Occupational Exposure Controls' below).

EXPOSURE LIMIT VALUES:

Substance	**Exposure Limit Values**				**Notations**
	8 hr LTEL (1)		15 min STEL (2)		
	ppm	mgm^{-3}	ppm	$mg\ m^{-3}$	
Propane 1, 2 diol. Vapour &Particulates	150(W)	474(W)	-	-	-
Particulates	-	10(W)	-	-	-

(1) Long-Term Exposure Limit – 8 hour Time Weighted Average
(2) Short-Term Exposure Limit – 15 minute reference period
(W) Workplace Exposure Limit (WEL)
(SUP) Recommended by Suppliers
(A) Allocated limits by analogy with similar materials

WEL's are taken from current version EH40, except those marked (SUP) which are assigned by supplier of the substance

OCCUPATIONAL EXPOSURE CONTROLS: All Personal Protective Equipment, including Respiratory Protective Equipment, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH Regulations

RESPIRATORY PROTECTION: If exposure of the applicator or the people nearby cannot be controlled to below the Exposure Limit Values and engineering controls and methods cannot reasonably be improved, suitable respiratory protective equipment should be used. Dry sanding flame cutting and/or welding of the dry paint film will give rise to dust and/or hazardous fumes. Wet sanding should be used wherever possible

HAND PROTECTION: When skin exposure may occur, advice should be sought from glove suppliers on appropriate types and usage times for this product. The instructions and information provided by the glove supplier on use, storage, maintenance and replacement must be followed. Barrier creams may help to protect exposed areas of skin but are not substitutes for full physical protection. They should not be applied once exposure has occurred.

EYE PROTECTION: Eye protection designed to protect against liquid splashes should be worn.

SKIN PROTECTION: Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a recognised skin cleaner. Regular skin inspection of users of this product is recommended. ALWAYS WASH YOUR HANDS BEFORE EATING, SMOKING OR USING THE TOILET.

9. PHYSICAL AND CHEMICAL PROPERTIES

physical state	pigmented viscous liquid
flash point	>100°C
specific gravity	1.30 – 1.33 @ 20°C
solubility in water	miscible
pH	7-9
boiling point	100°C
VOC Directive 2004/42/CE	Class A.d. Max VOC 130g/l

10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see section 7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, carbon dioxide and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and strongly acidic materials to prevent the possibility of an exothermic reaction

11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself. The product has been assessed following the conventional method in CHIP and is classified for toxicological hazards accordingly. This takes into account, where known, delayed and immediate effects and chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact. See sections 2 and 15 for details of the resulting hazard classification.

Exposure to organic solvent vapours in excess of the stated Exposure Limit may result in adverse health effects such as irritation of the mucous membrane and respiratory system and adverse effects on the renal and central nervous system. Symptoms include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness. Contains Cobalt borate neodecanoate which may produce an allergic reaction. Splashes in the eye may cause irritation and reversible local damage. Repeated or prolonged contact may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis.

12. ECOLOGICAL INFORMATION

There is no data available on the product itself. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The requirements of regulations made under the Pollution Prevention and Control Act may apply to the use of this product. The product has been assessed following the conventional method in CHIP and is not classified as dangerous for the environment.

Substance classified As DfE (1)	Mobility (2)	Persistence and Biodegradability (2)	Other adverse Effects
Cobalt borate neodecanoate	Dispersible in water		LC50 1-10 mg/l
Fatty acid amine compound	Dispersible in water		LC50 1-10 mg/l

(1) All substances listed in Section 3 and classified as dangerous for the environment (DfE)
(2) Information taken from suppliers' data sheet and relevant to impacts in the accidental release in storage, handling, use and disposal

13. DISPOSAL CONSIDERATIONS

Do not allow into drains or water courses or dispose of where ground or surface waters may be affected.

The classification of this product, when disposed of as waste is 08 01 11. If this product is mixed with other wastes, this code may no longer apply. If mixed with other wastes, the appropriate code should be assigned. For further information contact your local waste authority.

Wastes, including emptied containers, are controlled waste and should be disposed of in accordance with regulations made under The Control of Pollution Act and The Environmental Protection Act.

Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers.

14. TRANSPORT INFORMATION

Transport within users' premises: - Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Onwards transport subsequent to purchase: - Transport to be in accordance with ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air.

Proper shipping name:	The product is not classified as dangerous for carriage
UN Number:	
Hazard class:	
Packing group:	
Sub-hazard class:	

15. REGULATORY INFORMATION

The product is determined as not being dangerous according to the CHIP Regulations. However, the following precautions should be observed:-

P Phrases:

P99 Contains Cobalt borate neodecanoate. May produce an allergic reaction

S Phrases:

S2 Keep out of reach of children
S24/25 Avoid contact with skin and eyes
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S28 After contact with skin, wash immediately with plenty of soap and water or a recognised skin cleaner
S51 Ensure good ventilation during application and drying

16. OTHER INFORMATION

Symbols and text of the R phrases in section 3: -

RISK PHRASES

R22 Harmful if swallowed
R36 Irritating to eyes
R38 Irritating to skin
R43 May cause sensitisation by skin contact
R51 Toxic to aquatic organisms
R53 May cause long tern adverse effects in the aquatic environment

WARNING SYMBOLS

Xn Harmful
Xi Irritant
N Dangerous for the Environment

LEAD IN PREVIOUSLY PAINTED SURFACES

When surfaces are to be prepared for painting, account must be taken of the age of the property and the possibility that lead pigmented paint might be present. There is a possibility that ingestion or inhalation of scrapings or dust arising from the preparation work could cause adverse health effects.

As a working rule you should assume that this will be the case if the age of the property is pre 1960. Where possible wet flatting or chemical stripping methods should be used with surfaces of this type to avoid the creation of dust. When dry flatting cannot be avoided, and effective local exhaust ventilation is not available, it is

recommended that a dust respirator is worn, that is approved for use with lead dusts, and its type selected on the basis of the occupational hygiene (COSHH) assessment, taking into account the occupational hygiene exposure standard for lead in air. Furthermore, steps should be taken to ensure containment of the dusts created, and that all practicable measures are taken to clean up thoroughly all deposits of dusts in and around the affected area. Extra precautions will need to be taken when burning off old lead based paints as fumes containing lead will be produced. It is recommended that a respirator, approved for use with particulate fumes of lead is selected on the basis of the occupational hygiene (COSHH) assessment.

The Code of Practice for the Control of Lead at Works (reference ISBN 07176 1506 5 1998) should be consulted for advice on protective clothing and personal hygiene precautions.

Care should be taken to exclude visitors, members of the household and especially children from the affected area, during the actual work and the subsequent clean-up operations. All scrapings, dust, etc. should be disposed of by the professional painting contractor as Hazardous Waste, with the relevant documentation under the Hazardous Waste Regulations, The Environmental Protection (Duty of Care) Regulations, The Controlled Waste (Registration of Carriers and Seizure of Vehicles) Regulations and the Waste Management Licensing Regulations.

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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