

COSHH DATA SHEET



ENVIROGRAF®

HS042-EXCEL WHITE SATIN-04-2015

Product Number: 42 HW Excel White Top Coat - SATIN

Description:

A solvent based product to apply over HW01 – no need for an undercoat. Available in Satin or Gloss finishes. Gives a high quality durable finish for internal & external use. Suitable for use on all types of timber substrate.

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

- (Appendix 71a) Excel White Satin

*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 71a

HW EXCEL WHITE - SATIN

Issue 2. April 2015

1. IDENTIFICATION OF THE PREPARATION AND COMPANY

PRODUCT NAME: HW Excel White - Satin
MANUFACTURER/SUPPLIER: Envirograf
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EMERGENCY PHONE NUMBER: 01304 842555

2. HAZARDS IDENTIFICATION

Product definition : Mixture
Classification According to Regulation (EC) No. 1272/2008 [CLP/GHS]: Flam. Liq. 3, H226
Classification according to Directive 1999/45/EC [DPD]: This product is classified as dangerous according to Directive 1999/45/EC and its amendments.
Classification : R10
Physical/chemical hazards : Flammable

Label Elements

Hazard pictograms :



Signal word : Warning
Hazard statements : Flammable liquid and vapour

Precautionary statements

General : Keep out of reach of children. If medical advice is needed, have product container or label at hand
Prevention : Wear protective gloves. Wear eye or face protection. Keep away from heat, sparks, open flames & hot surfaces. No Smoking
Response : IF ON SKIN (or hair): Immediately take off all contaminated clothing. Rinse skin with water or shower
Storage : Store in a well-ventilated place. Keep cool
Disposal : Dispose of contents & container in accordance with all local, regional, national & international regulations
Hazardous ingredients : Not applicable
Supplemental label elements : Contains 2-butanone oxime. May produce an allergic reaction.

Other hazards which do not result in classification : Prolonged or repeated contact may dry skin & cause irritation

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance / mixture : Mixture

Product/ingredient name	Identifiers	%	Classification		Type
			67/548/EEC	Regulation (EC) No. 1272/2008 [CLP]	
Naphtha (petroleum) hydrotreated heavy: Nota(s) P	EC: 265-150-3 CAS: 64742-48-9 Index: 649-327-00-6	>=10 – <20	R10* Xn; R65* R66*	Flam. Liq. 3, H226* Asp. Tox. 1, H304*	[1]
Distillates (petroleum) hydrotreated light	EC: 265-149-8 CAS: 64742-47-8 Index: 649-422-00-2	<10	Xn; R65*	Asp. Tox. 1, H304*	[1]
Distillates (petroleum) hydrotreated light	REACH #: 01-2119457736-27 EC: 927-632-8 CAS: 64742-47-8 Index: 649-422-00-2	<10	Xn; R65*	Asp. Tox. 1, H304*	[1]
2-butanone oxime	REACH #: 01-2119539477-28 EC: 202-496-6 CAS: 96-29-7	>=0.1 – <1	Carc. Cat. 3; R40* Xn; R21* Xi; R41* R43*	Acute Tox. 4, H312* Eye Dam. 1, H318* Skin Sens. 1, H317* Carc. 2, H351*	[1]

*for full text see section 16

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Type

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII

[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII

[5] Substance of equivalent concern

Occupational exposure limits, if available, are listed in Section 8

SUB codes represent substances without registered CAS Numbers.

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.

Inhalation: Remove to fresh air, keep patient warm and at rest. If breathing has stopped, administer artificial respiration or oxygen by trained personnel. Give nothing by mouth. If unconscious, place in the recovery position and seek medical advice.

Skin Contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or a recognized skin cleaner. DO NOT USE SOLVENT OR THINNERS.

Eye contact: Remove contact lenses. Irrigate copiously with clean, fresh water holding the eyelids apart. Seek medical advice.

Ingestion: If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting

Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

Potential acute health effects

Eye contact : No known significant effects or critical hazards

Inhalation : No known significant effects or critical hazards

Skin contact : Defatting to the skin. May cause skin dryness and irritation

Ingestion : No known significant effects or critical hazards

Over-exposure signs/symptoms

Eye contact : No specific data

Inhalation : No specific data

Skin contact : Adverse symptoms may include: irritation, dryness, cracking

Ingestion : No specific data

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. **Specific treatments:** No specific treatment

5. FIRE-FIGHTING MEASURES

Extinguishing Media	: Recommended: dry chemical, CO ₂ , powder, water spray/mist : Not to be used: water jet
Hazards from the substance or mixture	: Flammable liquid and vapour. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. Runoff to sewer may create fire or explosion hazard
Hazardous combustion products	: Decomposition products may include the following materials: carbon dioxide, carbon monoxide, metal oxide/oxides
Special precautions for Firefighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool
Special protective equipment for firefighters	: Firefighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for firefighters (including helmets, protective boots and gloves) conforming to European standard EN469 will provide a basic level of protection for chemical incidents

6. ACCIDENTAL RELEASE MEASURES

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in sections 7 & 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth, vermiculite, diatomaceous earth and place in a suitable container for disposal in accordance with the waste regulations (see sec. 13). Do not allow to enter drains or water courses. Clean preferably with a detergent; avoid use of solvents. If the product enters drains or sewers, immediately contact the local water company; in case of contamination of streams, rivers or lakes, the relevant environment agency

7. HANDLING AND STORAGE

Vapours are heavier than air and may spread along floors. They may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentrations higher than the Exposure Limit Values. In addition the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard. Keep the container tightly closed. Exclude sources of heat, sparks and open flame. Non-sparking tools should be used. 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. Never use pressure to empty; the container is not a pressure vessel. Always keep in containers made of the same material as the supply container. The accumulation of contaminated rags may result in spontaneous combustion. Good housekeeping standards and regular safe removal of waste materials will minimise the risks of spontaneous combustion and other fire hazards.

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: Store separately from oxidising agents, strongly alkaline and strongly acidic materials. Store in accordance with local regulations Store between 5°C and 25°C in a dry, cool, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorised access. Containers which are opened should be properly resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS: 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).

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	: Liquid
Odour	: Hydrocarbon [slight]
pH	: Not available
Melting/freezing point	: Not available
Initial boiling point	: 145°C
Flash point	: Closed cup - 40°C
Evaporation rate	: Not available
Material supports combustion:	Yes
Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Lower 0.75% Upper 7.43%
Vapour pressure	: Highest known value: 0.1 to 0.3 kPa (0.8 to 2.3 mm Hg) (at 20°C)(Naptha (petroleum), hydrotreated heavy). Weighted Average: 0.16 kPa (1.2 mm Hg) (at 20°C)
Vapour density	: Highest known value: 4.5 (Air = 1) (Distillates(petroleum) hydrotreated light). Weighted average: 4.5 (Air = 1)
Relative density	: 1.43
Solubility(ies)	: Insoluble in the following materials: cold water
Partition coefficient: n-octanol/water	: Not available
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
Viscosity	: > 100 s (ISO 6mm)
Explosive properties	: Not available
Oxidising properties	: Not available

10. STABILITY AND REACTIVITY

No specific test data related to reactivity available for this product or its ingredients. 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 bis (2-ethylhexanoate) and Ethyl Methyl Ketoxime which may produce an allergic reaction. At elevated temperature, may release Ethyl Methyl Ketoxime which is classified as a category 3 carcinogen and as a skin sensitiser. Repeated or prolonged skin contact may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eye may cause irritation and reversible local damage. Ingestion may result in the following effects: sore throat, abdominal pain, drowsiness, nausea, vomiting and diarrhoea. Other effects may be as described for exposure to vapours

12. ECOLOGICAL INFORMATION

Toxicity:

Product/ingredient name	Result	Species	Exposure
Distillates (petroleum), hydrotreated light	Acute LC50 2200 µg/l Fresh water	Fish – Lepomis macrochirus	4 days
Distillates (petroleum), hydrotreated light	Acute LC50 2200 µg/l Fresh water	Fish – Lepomis macrochirus	4 days
2-butanone oxime	Acute LC50 843000 µg/l Fresh water	Fish – Pimephales promelas	96 hours

Persistence and degradability:

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Distillates (petroleum), hydrotreated light	-	-	Readily
Distillates (petroleum), hydrotreated light	-	-	Readily

Product/ingredient name	LogPow	BCF	Potential
Distillates (petroleum), hydrotreated light	-	159	Low
Distillates (petroleum), hydrotreated light	-	159	Low
2-butanone oxime	0.63	5.01	Low

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:	Paint	Technical name 1:	-
UN number:	1263	Technical name 2:	-
Hazard class:	3	Marine Pollutant:	No
Packing Group:	III	Tunnel code:	(D/E)
Sub-hazard class:	-	Flashpoint:	40°C

In pack sizes up to and including 30 litres, under the terms of 2.3.2.5, this product is not subject to the packaging, labelling and marking requirements of the IMDG Code but both full documentation and placarding of the cargo transport units is still required. In pack sizes less than 450 litres, under the terms of 2.2.3.1.5 this product is not subject to the provisions of ADR. The full requirements of ICAO and IATA apply to this product irrespective of pack size.

15. REGULATORY INFORMATION

The product is classified and labelled in accordance with the CHIP Regulations as follows: -

Classification: FLAMMABLE

Symbol: -

Names: -

H. Phrases:

H226	Flammable liquid and vapour
H304	May be fatal if swallowed and enters airways
H312	Harmful in contact with skin
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H351	Suspected of causing cancer

R Phrases:

R10	Flammable
R40	Limited evidence of a carcinogenic effect
R21	Harmful in contact with skin
R41	Risk of serious damage to eyes
R43	May cause sensitisation by skin contact
R65	Harmful: may cause lung damage if swallowed
R66	Repeated exposure may cause skin dryness or cracking

P Phrases:

P99 Contains Cobalt Carboxylate and Ethyl Methyl Ketoxime. May produce an allergic reaction.

S Phrases:

S2	Keep out of the reach of children
S16	Keep away from sources of ignition - No smoking
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 DO NOT USE SOLVENT OR THINNERS
S46	If swallowed seek medical advice immediately and show this container or label
S51	Ensure maximum ventilation during application and drying
-	Restrict interior use to small surface areas such as doors, window frames or skirting boards.
-	Not recommended for interior use on large surface areas – walls, floors or ceilings or in confined spaces

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks as required by other health and safety legislation. The provisions of the Health and Safety at Work etc. Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

16. OTHER INFORMATION

WARNING SYMBOLS

Xn	Harmful
N	Dangerous to the environment

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.
