



WOOD FINISHES DIRECT

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[Envirograf ES VFR Translucent Spirit-Based Top Coat](#)



SAFETY DATA SHEET

ES/VFR TRANSLUCENT

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product name ES/VFR TRANSLUCENT

Applications Top Coat

Supplier Intumescent Systems Ltd,
Envirograf House,
Barfreestone,
Dover, Kent,
CT15 7JG
01304 842555 – 01304 842666

2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	EC No.	Content	Symbol	R-phrases
NAPHTHA (PETROLEUM), HYDROTREATED HEAVY		64742-48-9	30-60 %	Xn	R-10, 65

See section 16 for explanations to R-phrases

Composition comments Key to the symbols: Tx= Very toxic, T= Toxic, C= Corrosive, Xn= Harmful, Xi= Irritant, IK= Not classified, E= Explosive, O= Oxidizing, Fx= Extremely flammable, F= Highly flammable, N= Dangerous to the environment, M= Mutagenic, A= Sensitizing, K= Carcinogenic, R= Toxic to reproduction
Contains max 0,01% Benzene.
The viscosity is higher than the established limit for use of R-65.

3. HAZARDS IDENTIFICATION

Harmful by inhalation. Flammable. Further information about hazards and environmental effects, see section 11 and 12.

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. Show this MSDS to the medical attention.

Inhalation Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion Provide rest, warmth and fresh air. Give water or milk, preferably with active carbon. Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR

	DRINK FLUIDS! Get medical attention.
Skin	Remove affected person from source of contamination. Promptly wash contaminated skin with soap or mild detergent and water. Promptly remove clothing if soaked through and wash as above.
Eyes	Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Make sure to remove any contact lenses from the eyes before rinsing.

5. FIRE FIGHTING MEASURES

Extinguishing media	Fire can be extinguished using: Dry chemicals, sand, dolomite etc. Powder, foam or CO2.
Special fire fighting procedures	Avoid water in straight hose stream; will scatter and spread fire. Move container from fire area if it can be done without risk.
Specific hazards	Generates massive smoke during fire. Solvent vapours may form explosive mixtures with air. Vapours are heavier than air and may spread near ground to sources of ignition.
Protective measures in fire	Appropriate breathing apparatus may be required.

6. ACCIDENTAL RELEASE MEASURES

Personal precaution in spill	Wear necessary protective equipment, ref.section 8.
Precautions to protect environment	Do not allow to enter drains or watercourses. If the product contaminates lakes, rivers or sewage, inform appropriate in accordance with local regulations. Clean preferably with a detergent; avoid use of solvents.
Spill cleanup methods	Provide ventilation and confine spill. Do not allow runoff to sewer. Contact Emergency Response Team in case of major spills. Collect with absorbent, non-combustible material into suitable containers.

7. HANDLING AND STORAGE

Usage precautions	Keep away from heat, sparks and open flame. Wear necessary protective equipment, ref. section 8. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level. Read and follow manufacturer recommendations. Static electricity and formation of sparks must be prevented. Use explosion proof electric equipment. Containers should be kept tightly closed.
Storage precautions	Keep in cool, dry, ventilated storage and closed containers. Containers which are opened must be carefully resealed and kept upright to prevent leakage. .
Storage criteria	Flammable liquid storage.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingredient comments

OES = Occupational Exposure Standard.

Protective equipment



Process conditions

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Ventilation

All handling to take place in well-ventilated area. Where reasonably practicable this should be achieved by use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Respirators

At work in confined or poorly ventilated spaces, respiratory protection with air supply must be used. Wear respiratory protection with combination filter (dust and gas filter) during spraying operations. Gas cartridge (organic substances).

Protective gloves

Use protective gloves made of: Nitrile. Viton rubber (fluor rubber). Polyvinyl alcohol (PVA). -

Eye protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

Protective clothing as needed. Provide eyewash, drench quickly.

Hygienic work practices

Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any wet clothing. Use appropriate hand lotion to prevent degreasing and cracking of skin.

Environmental exposure controls

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Fluid.

Colour

Clear.

Odour

Solvent.

Boiling point (°C, interval)

150 - 200

Pressure

Density/specific gravity (g/ml)

0.89

Temperature (°C)

Vapour density (air=1)

> 1

Solubility description

Soluble in: Organic solvents (most).

Flash point (°C)

> 36

Method

Auto ignition temp. (°C)

370

Flammability limit - lower(%)

1

Flammability limit - upper(%)

8

10. STABILITY AND REACTIVITY

Stability	Avoid: Heat, sparks, flames.
Hazardous decomp. products	Toxic gases/vapours/fumes of: Carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION

Health hazards, general	There are no data available on the preparation itself. The preparation has been assessed following the conventional method of the Dangerous Preparations Directive and classified for toxicological hazards accordingly. See Section 2 and 15 for details.
Health warnings	Inhalation is the main hazard in industrial use. Solvent vapours are hazardous and could cause nausea, sickness and headaches. Absorbs through the skin. Spray mist can irritate airways and lungs. Contact with this chemical could cause: Skin drying with risk of formation of eczema. Swallowing concentrated chemical could cause severe internal injury. Prolonged or repeated exposure to this chemical could cause: Brain damage.
Medical considerations	Chronic solvent-induced symptoms may give untypical (neurasthenically produced) impression of disease.

12. ECOLOGICAL INFORMATION

Ecological information	No available environmental data on this product. The product should not be allowed to enter drains or water courses. .
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13. DISPOSAL CONSIDERATIONS

Disposal methods	Wastes should be delivered as hazardous waste. Do not allow runoff to sewer, waterway or ground.
Waste class	Hazardous waste in accordance with EU directives. European Waste Catalogue (EWC): 08 01 02. -

14. TRANSPORT INFORMATION

Label for conveyance



ROAD TRANSPORT:

UN No. road	1263
ADR class	Class 3: Flammable liquids.
ADR packing group	III
CEFIC TEC(R) No.	30 G 30

RAIL TRANSPORT:

RID class No.	3
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SEA TRANSPORT:

UN No. sea	1263
IMDG class	3
IMDG packing group	III
EmS No.	3-05
MFAG table No.	310

AIR TRANSPORT:

15. REGULATORY INFORMATION

Contains	NAPHTHA (PETROLEUM), HYDROTREATED HEAVY
Risk phrases	R-10 Flammable. R-20 Harmful by inhalation.
Safety phrases	S-2 Keep out of reach of children. S-38 In case of insufficient ventilation, wear suitable respiratory equipment. S-42 During fumigation/spraying wear suitable respiratory equipment. S-62 If swallowed, do not induce vomiting: seek medical advice immediately and show the container or label. S-210 In confined spaces use compressed air or fresh air respiratory equipment. Contains (2-butanone oxime, cobalt salt). May produce an allergic reaction.

16. OTHER INFORMATION

Explanations to R-phrases in section 2

R-10 Flammable. R-65 Harmful: may cause lung damage if swallowed.

* Information revised since the previous version of the SDS

User notes:

The information in this safety-data sheet is based on the present state of our knowledge and on current EU and national laws. The product is not to be used for other purposes than those specified under section 1 without first obtaining written handling instruction. It is always the responsibility of the user to take all necessary steps in order to fulfil the demand laid down in the local rules and legislation. The information in this SDS is meant as a description of the safety requirements of our product: it is not to be considered as a guarantee of the products' properties.
