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Safety data sheet according to UK REACH (SI 2020/1577) as amended

Printing date 03.02.2025

Version number 7

Revision: 03.02.2025

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- · Trade name: VINYL RESTORER & PROTECTOR Aerosol
- · Registration number Mixture
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
- Product category PC31 Polishes and wax blends
- · Application of the substance / the mixture Surface polish and protector
- · Uses advised against

Any use carrying a risk of direct contact with eyes/skin where workers are exposed without adequate personal protective equipment (PPE).

Any use involving significant release of aerosol, vapour or dust in the breathing zone of workers where they are exposed without suitable respiratory protective equipment (RPE). Processes involving extreme heat use advised against.

• 1.3 Details of the supplier of the safety data sheet

Supplier: Total Water Products Unit 6 Seaway Parade Ind. Estate Baglan Port Talbot SA12 7BR

Tel: 0044 1639 823233 e-mail: info@totalwaterproducts.co.uk

- · Further information obtainable from: Product safety department.
- 1.4 Emergency telephone number: Members of the public seeking specific information on poisons should contact: In England and Wales: NHS 111 - dial 111 In Scotland: NHS 24 - dial 111

* SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture

· Classification according to GB-CLP

Aerosol 1	H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.		
Skin Irrit. 2	H315	Causes skin irritation.	
STOT SE 3	H336	May cause drowsiness or dizziness.	
Aquatic Acute 1	H400	Very toxic to aquatic life.	
Aquatic Chronic 1	H410	Very toxic to aquatic life with long lasting effects.	

· 2.2 Label elements

- Labelling according to GB-CLP The product is classified and labelled according to the GB CLP regulation.
- · Hazard pictograms



· Signal word Danger



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Trade name: VINYL RESTORER & PROTECTOR

Hazard	determining components of labelling:
Heptane	
Hazard	statements
Н222-Н	229 Extremely flammable aerosol. Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H410	Very toxic to aquatic life with long lasting effects.
Precaut	ionary statements
P102	Keep out of reach of children.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211	Do not spray on an open flame or other ignition source.
P251	Do not pierce or burn, even after use.
P271	Use only outdoors or in a well-ventilated area.
P410+P4	412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.
2.3 Oth	er hazards
Results	of PBT and vPvB assessment

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Mixtures

• Description: Mixture of various multifunctional components with propellant in aerosol can.

 Dangerous components: 		
CAS: 142-82-5	Heptane	50 - 100%
EINECS: 205-563-8	🚸 Flam. Liq. 2, H225, 🚯 Asp. Tox. 1, H304; 🚯 Aquatic Acute	
Index number: 601-008-00-2	1, H400; Aquatic Chronic 1, H410; Skin Irrit. 2, H315; STOT	
Reg.nr.: 01-2119457603-38-XXXX	SE 3, H336	
	Note: C	
CAS: 68476-85-7	Petroleum gases, liquefied	10 - 25%
EINECS: 270-704-2	🚸 Flam. Gas 1A, H220; Press. Gas (Comp.), H280	
Index number: 649-202-00-6	Note: K, S	
Reg.nr.: 01-2119485911-31-XXXX		
• Additional information: For the wording of the listed bazard phrases refer to section 16		

• Additional information: For the wording of the listed hazard phrases refer to section 16.

* SECTION 4: First aid measures

- · 4.1 Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:
- Supply fresh air; consult doctor in case of complaints.
- In case of unconsciousness place patient stably in side position for transportation.
- After skin contact:
- Immediately wash with water and soap and rinse thoroughly.
- If skin irritation continues, consult a doctor.

· After eye contact:

Check for and remove any contact lenses.

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.



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Trade name: VINYL RESTORER & PROTECTOR

· After swallowing:

Wash mouth out with water

Do not induce vomiting; call for medical help immediately.

If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

• Information for doctor: Contains petroleum distillates - Refer to section 11.

- 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

* **SECTION 5: Firefighting measures**

· 5.1 Extinguishing media

Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

Use fire extinguishing methods suitable to surrounding conditions.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture

Vapours are heavier than air and may travel a long distance and accumulate in low lying areas. Ignition and/or flash back may occur.

In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion.

Formation of toxic gases is possible during heating or in case of fire.

• 5.3 Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

Do not inhale explosion gases or combustion gases.

Additional information

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

* SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures Particular danger of slipping on leaked/spilled product. Keep ignition sources away - no smoking. Wear protective equipment. Keep unprotected persons away. **6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course in the undiluted form. Inform respective authorities in case of seepage into water course or sewage system. 6.3 Methods and material for containment and cleaning up: Absorb liquid components with liquid-binding material. Do not use combustible materials such as paper towels to clean up spills. Send for recovery or disposal in suitable receptacles. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents · 6.4 Reference to other sections See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment.



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See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

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Avoid direct contact (skin/eye contact, ingestion and/or inhalation of fume/mist/dust) with the product in the undiluted form.

Welding and other hot work operations in the work area must only be permitted under supervision. Ensure good ventilation/exhaustion at the workplace.

Information about fire - and explosion protection:
Do not spray onto a naked flame or any incandescent material.
Keep ignition sources away - Do not smoke.
Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use.
Protect against electrostatic charges.

- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles:

Observe official regulations on storing packagings with pressurised containers.

- · Information about storage in one common storage facility: Store away from oxidising agents.
- Further information about storage conditions:

Store in cool, dry conditions in well sealed receptacles. Store receptacle in a well ventilated area. Protect from heat and direct sunlight.

- Storage class: 2 B
- 7.3 Specific end use(s) No further relevant information available.

* SECTION 8: Exposure controls/personal protection

· 8.1 Contr	ol parameters	
· Ingredien	ts with limit values that rec	uire monitoring at the workplace:
CAS: 142	-82-5 Heptane	
WEL Lon	g-term value: 2085 mg/m ³ , 5	500 ppm
CAS: 684	76-85-7 Petroleum gases, li	quefied
Lon	rt-term value: 2180 mg/m^3 , 1 g-term value: 1750 mg/m^3 , 1 c (if LPG contains > 0.1% of	000 ppm
·DNELs		
CAS: 142	-82-5 Heptane	
Oral	Long-term systemic effects	149 mg/kg bw/day (general population)
Dermal	Long-term systemic effects	149 mg/kg bw/day (general population)
		300 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	447 mg/m ³ (general population)
		2,085 mg/m ³ (worker)
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Trade name: VINYL RESTORER & PROTECTOR

CAS: 68476-85-7 Petroleum gases, liquefied		
Dermal	Long-term systemic effects	23.4 mg/kg bw/day (worker)
Inhalative	Long-term systemic effects	2.21 mg/m ³ (worker)
	Long-term systemic effects	66.4 μg/m ³ (general population)

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

- Appropriate engineering controls No further data; see section 7.
- · Individual protection measures, such as personal protective equipment
- · General protective and hygienic measures:
- Do not carry product impregnated cleaning cloths in trouser pockets.
- Do not eat, drink, smoke or sniff while working.

Take note of assigned Workplace Exposure Limits.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

- · Respiratory protection: Use suitable respiratory protective device in case of insufficient ventilation.
- Hand protection



Protective gloves.

Use gloves tested and approved under appropriate government standards such as NIOSH (US) or EN374 (EU).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

- The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eye/face protection



Safety glasses with side-shields conforming to EN166.

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

· Body protection:



Protective work clothing

Body protection must be chosen depending on product properties, activity and possible exposure.

- Environmental exposure controls Do not let product enter drains. Risk of explosion.
- Risk management measures The operators shall be instructed adequately.

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Trade name: VINYL RESTORER & PROTECTOR

* SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical prop General Information	
Physical state	Aerosol
Colour:	Colourless
Odour:	Solvent like
Odour threshold:	Not determined.
Melting point/freezing point:	Undetermined.
Boiling point or initial boiling point and boiling rang	
Flammability	Not applicable.
Lower and upper explosion limit	1 1 1 7 10/
Lower:	1.1 Vol %
Upper:	8.5 Vol %
Flash point:	< 23 °C
Auto-ignition temperature:	215 °C
Decomposition temperature:	Not determined.
рН	Not determined.
Viscosity:	
Kinematic viscosity	Not determined.
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	2,100 hPa
Density and/or relative density	2,100 III u
Density:	Not determined.
Relative density	Not determined.
Vapour density	Not determined.
vapour density	Not determined.
9.2 Other information	NOTE: The physical data presented above are typica
	values and should not be construed as a specification.
Appearance:	
Form:	Aerosol
Important information on protection of health and	
environment, and on safety.	
Ignition temperature:	Product is not self-igniting.
Explosive properties:	Product is not explosive. However, formation of explosi
	air/vapour mixtures are possible.
Solvent content:	1 1
VOC (EC)	60.00 %
Change in condition	
Evaporation rate	Not applicable.
1	Tot applicable.
Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Extremely flammable aerosol. Pressurised container: Ma
	burst if heated.
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
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· Flammable solids	Void	
• Self-reactive substances and mixtures	Void	
· Pyrophoric liquids	Void	
· Pyrophoric solids	Void	
Self-heating substances and mixtures	Void	
· Substances and mixtures, which emit flammal	ole gases	
in contact with water	Void	
· Oxidising liquids	Void	
· Oxidising solids	Void	
· Organic peroxides	Void	
· Corrosive to metals	Void	
· Desensitised explosives	Void	

* SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: Risk of explosion on heating.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.4 Conditions to avoid Heat and static discharge.
- 10.5 Incompatible materials: Strong oxidising agents.
- 10.6 Hazardous decomposition products:
- Carbon monoxide and carbon dioxide
- Hydrocarbons

* SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.
- Primary irritant effect:
- · Skin corrosion/irritation
- Causes skin irritation.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- · Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure May cause drowsiness or dizziness.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.
- · Additional toxicological information:
- Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause brochopneumonia or pulmonary oedema.
- 11.2 Information on other hazards
- · Endocrine disrupting properties

None of the ingredients are listed.

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Trade name: VINYL RESTORER & PROTECTOR

* SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability Not easily biodegradable
- 12.3 Bioaccumulative potential Product is not expected to bioaccumulate.
- 12.4 Mobility in soil No further relevant information available.
- 12.5 Results of PBT and vPvB assessment
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- 12.6 Endocrine disrupting properties The product does not contain substances with endocrine disrupting properties.
- · 12.7 Other adverse effects
- Remark: Very toxic for fish
- Additional ecological information:
- General notes:
- Very toxic for aquatic organisms

Also poisonous for fish and plankton in water bodies.

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

* SECTION 13: Disposal considerations

· 13.1 Waste treatment methods

- · Recommendation
- Recommended Hierarchy of Controls:
- Minimise waste;
- Reuse if not contaminated;
- Recycle, if possible; or
- Safe disposal (if all else fails).

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Contact waste processors for recycling information.

Used, degraded or contaminated product may be classified as hazardous waste. Anyone classifying hazardous waste and determining its fate must be qualified in accordance with state and international legislation.

- · Uncleaned packaging:
- Recommendation:

Container remains hazardous when empty. Continue to observe all precautions.

Disposal must be made according to official regulations.

Containers, even those that are "empty," may contain residues that can develop flammable and/or hazardous vapours upon heating. Do not cut, drill, grind, weld, or perform similar operations on or near empty containers.

* SECTION 14: Transport information

· 14.1 UN number or ID number · ADR/RID/ADN, IMDG, IATA	UN1950
· 14.2 UN proper shipping name	UN1950 AEROSOLS, ENVIRONMENTALLY
· ADR/RID/ADN	HAZARDOUS

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IMDG	AEROSOLS, MARINE POLLUTANT
	AEROSOLS, flammable
· 14.3 Transport hazard class(es)	
· ADR/RID/ADN	
· Class	2 5F Gases.
·Label	2.1
· IMDG	
· Class	2.1 Gases.
·Label	2.1
· Class	2.1 Gases.
· Label	2.1
 14.4 Packing group ADR/RID/ADN, IMDG, IATA 	Not applicable
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: Heptane
Marine pollutant:	Yes
I I	Symbol (fish and tree)
• Special marking (ADR/RID/ADN):	Symbol (fish and tree)
• 14.6 Special precautions for user	Warning: Gases.
• Hazard identification number (Kemler code):	-
· EMS Number: · Stowage Code	F-D,S-U SW1 Protected from sources of heat.
Stowage Coue	SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.
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· Segregation Code	SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4. For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS:
	Segregation as for the appropriate subdivision of class 2.
· 14.7 Maritime transport in bulk according to IMO	
instruments	Not applicable.
· Transport/Additional information:	Not dangerous according to the above specifications.
· ADR/RID/ADN	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
· Transport category	2
Tunnel restriction code	D
· Remarks:	Tunnel restriction code: (D)
· IMDG	
· Limited quantities (LQ)	1L
• Excepted quantities (EQ)	Code: E0
	Not permitted as Excepted Quantity
· UN "Model Regulation":	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

* **SECTION 15: Regulatory information**

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

· Poisons Act

- · Regulated explosives precursors
- None of the ingredients are listed.
- · Regulated poisons

None of the ingredients are listed.

· Reportable explosives precursors

None of the ingredients are listed.

· Reportable poisons

None of the ingredients are listed.

· Control Of Major Accident Hazards Regulations 2015 (COMAH)

- Named dangerous substances ANNEX I None of the ingredients are listed.
- · COMAH category

- P3a
- Qualifying quantity (tonnes) for the application of lower-tier requirements 100 t

Qualifying quantity (tonnes) for the application of upper-tier requirements 200 t

E1 P3a



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Trade name: VINYL RESTORER & PROTECTOR

• 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

* SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation

(EU) 2020/878.

· Relevant phrases

H220 Extremely flammable gas.

H225 Highly flammable liquid and vapour.

H280 Contains gas under pressure; may explode if heated.

H304 May be fatal if swallowed and enters airways.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· Training hints

This product should only be handled by workers who have received sufficient training in the safe handling and use of chemical products.

· Department issuing SDS: Product safety department.

Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) DNEL: Derived No-Effect Level (UK REACH) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Gas 1A: Flammable gases - Category 1A Aerosol 1: Aerosols – Category 1 Press. Gas (Comp.): Gases under pressure – Compressed gas Flam. Liq. 2: Flammable liquids - Category 2 Skin Irrit. 2: Skin corrosion/irritation - Category 2 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 Asp. Tox. 1: Aspiration hazard - Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

* * Data compared to the previous version altered.

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