



# PROTECTION PAINTS

## SAFETY DATA SHEET

### Vira-Guard Protect

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Compilation date: 01/09/2023

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**Sent to:** Protection Paints H&S Dept

#### Section 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

**Product name:** Vira-Guard Protect

**Product code:** TH/V609/AV

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of substance / mixture:** PC9a: Coatings and paints, thinners, paint removers.

##### 1.3. Details of the supplier of the safety data sheet

**Company name:** Protection Paints Limited  
Unit D, Aalin Court  
Balthane Industrial Estate  
Ballasalla, Isle of Man  
IM9 2AJ.

Tel: 01524 944701

Email: [technical@Protectionpaints.com](mailto:technical@Protectionpaints.com)

##### 1.4. Emergency telephone number

**Emergency tel:** 01142 768008

#### Section 2: Hazards identification

##### 2.1. Classification of the substance or mixture



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**Classification under** CLP: Asp. Tox. 1: H304; Aquatic Acute 1: H400; Aquatic Chronic 1: H410; Flam. Liq. 3: H226; Skin Sens. 1: H317; STOT RE 2: H373; STOT SE 3: H335; STOT SE 3: H336; -: EUH066

**Most important adverse effects:** Repeated exposure may cause skin dryness or cracking. Flammable liquid and vapour May be fatal if swallowed and enters airways. May cause an allergic skin reaction. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects

## 2.2. Label elements

### Label elements: Hazard statements:

EUH066: Repeated exposure may cause skin dryness or cracking.  
H226: Flammable liquid and vapour.  
H304: May be fatal if swallowed and enters airways.  
H317: May cause an allergic skin reaction  
H335: May cause respiratory irritation.  
H336: May cause drowsiness or dizziness.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H400: Very toxic to aquatic life.  
H410: Very toxic to aquatic life with long lasting effects.

**Hazard pictograms:** GHS02: Flame  
GHS07: Exclamation mark  
GHS08: Health hazard  
GHS09: Environmental

**Signal words:** Danger

### Precautionary statements:

- P102: Keep out of reach of children.
- P103: Read label before use.
- P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P233: Keep container tightly closed.
- P241: Use explosion-proof equipment.
- P243: Take action to prevent static discharges.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.
- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor.
- P362+P364: Take off contaminated clothing and wash it before reuse.
- P302+P352: IF ON SKIN: Wash with plenty of soap and water.
- P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.



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- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P314: Get medical advice/attention if you feel unwell.
- P331: Do NOT induce vomiting.
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
- P370+P378: In case of fire: Use alcohol resistant foam to extinguish.
- P403+P233: Store in a well-ventilated place. Keep container tightly closed.

#### 2.3. Other hazards

**Other hazards:** In use, may form flammable / explosive vapour-air mixture.

**PBT:** This product is not identified as a PBT/vPvB substance.

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

**Hazardous ingredients:**

##### WHITE SPIRIT - REACH registered number(s): 01-2119458049-33-XXXX

EINECS	CAS	PBT/WEL	CLP CLASSIFICATION	PERCENT
-	-	-	Flam. Liq. 3: H226; Aquatic Chronic 2: H411; STOT SE 3: H335; STOT SE 3: H336; Asp. Tox. 1: H304; -: EUH066	40.000%

##### SILICA (AMORPHOUS)

231-545-4	112926-00-8	Substance with a Community workplace exposure limit.		6.000%
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##### COBALT CONTAINING POLYMER

-	-	-	Skin Sens. 1: H317	5.000%
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##### LOW BOILING POINT HYDROGEN TREATED NAPHTHA - NAPHTHA (PETROLEUM), HYDRODESULPHURIZED HEAVY

265-185-4	64742-82-1		STOT RE 1: H372; Asp. Tox. 1: H304	5.000%
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##### 2-HYDROXY-4-N-OCTOXYBENZOPHENONE

217-421-2	1843-05-6		Skin Sens. 1: H317; Aquatic Chronic 3: H412; Skin Irrit. 2: H315	0.600%
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#### ZIRCONIUM SALT,2-ETHYLHEXANOIC ACID - REACH registered number(s): 01-2119979088-21-0002

	22464-99-9		Repr. 2: H361f; Repr. 2: H361d; Repr. 2: H361fd	0.600%
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#### SILVER PHOSPHATE GLASS

608-534-1	308069-39-8		Eye Irrit. 2: H319; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	0.400%
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#### ZINC OXIDE

	1314-13-2		Aquatic Chronic 1: H410; Aquatic Acute 1: H400	0.200%
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**Contains:** cobalt containing polymer silver phosphate glass

### Section 4: First aid measures

#### 4.1. Description of first aid measures

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Remove contact lenses Bathe the eye with running water for 15 minutes. Consult a doctor.

**Ingestion:** If accidentally swallowed obtain immediate medical attention show container or label If unconscious, check for breathing and apply artificial respiration if necessary. If unconscious and breathing is OK, place in the recovery position.

**Inhalation:** Remove to fresh air If unconscious, check for breathing and apply artificial respiration if necessary. Keep the patient warm and at rest If unconscious and breathing is OK, place in the recovery position. Consult a doctor

#### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat. May be fatal if swallowed and enters airways

**Inhalation:** Exposure to organic solvent vapours in excess of stated occupational exposure limits may result in adverse health effects there may be symptoms of Headache, dizziness, fatigue etc There may be irritation of the throat.



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**Delayed / immediate effects:** Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse health effects. Repeated or prolonged contact with the product may cause removal of natural oils and fats from the skin.

#### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** In all cases of doubt, or when symptoms persist seek medical attention. In case of overexposure, organic solvents may depress the central nervous system causing dizziness and intoxication, and at very high concentrations unconsciousness and death. Prolonged and repeated contact with skin may cause soreness, irritation or dry skin due to a defatting action. Eye washing equipment should be available.

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder.

#### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** Flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture.

#### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### Section 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Notify the police and fire brigade immediately. Eliminate all sources of ignition. Turn leaking containers leak-side up to prevent the escape of liquid.



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#### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers. Contain the spillage using bunding.

#### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

#### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Avoid skin and eye contact Wear protective gloves, eye and face protection Smoking, eating and drinking should be prohibited in mixing and application area Always wash your hands before eating, smoking or using the toilet Use non-sparking tools. Ensure there is sufficient ventilation of the area. vapours are heavier than air and may cause explosive mixtures Avoid the formation or spread of mists in the air. Do not allow to enter drains or watercourses.

#### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

**Suitable packaging:** Must only be kept in original packaging. keep containers upright and tightly closed.

#### 7.3. Specific end use(s)

**Specific end use(s):** No data available.



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#### Section 8: Exposure controls/personal protection

##### 8.1. Control parameters

###### Hazardous ingredients:

###### SILICA (AMORPHOUS)

###### Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	0.3mg/m <sup>3</sup>	-	-	-

###### ZIRCONIUM SALT, 2-ETHYLHEXANOIC ACID

EU	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	-	-
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###### ZINC OXIDE

UK	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	-	-
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#### DNEL/PNEC Values

###### Hazardous ingredients:

###### WHITE SPIRIT

Type	Exposure	Value	Population	Effect
DNEL	Dermal	44 mg/kg/bw/day	Workers	Systemic
DNEL	Inhalation	330 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	26 mg/kg bw/day	Consumers	Systemic
DNEL	Inhalation	71 mg/m <sup>3</sup> /24h	Consumers	Systemic
DNEL	Oral	21 mg/kg bw/day	Consumers	Systemic



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#### ZIRCONIUM SALT, 2-ETHYLHEXANOIC ACID

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	5 mg/m <sup>3</sup>	Workers	Systemic
DNEL	Dermal	15.75 mg/kg/day	Workers	Systemic
DNEL	Inhalation	2.5 mg/m <sup>3</sup>	Consumers	Systemic
DNEL	Dermal	7.9 mg/kg/day	Consumers	Systemic
DNEL	Oral	7.9 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	0.36 mg/l	-	-
PNEC	Marine water	0.036 mg/l	-	-
PNEC	Fresh water sediment	6.37 mg/kg	-	-
PNEC	Marine sediments	0.637 mg/kg	-	-
PNEC	Soil (agricultural)	1.06 mg/kg	-	-

#### 8.2. Exposure controls

**Engineering measures:** Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

**Respiratory protection:** suitable respiratory equipment should be used Respiratory protection must be used if the general level exceeds the recommended occupational exposure limit If spraying respiratory protection will be required

**Hand protection:** Protective gloves. the instructions and information provided by the glove manufacturer on use storage maintenance and replacement must be followed

**Eye protection:** Safety glasses. manufactured and tested to EN 166and designed to protect against splashes Ensure eye bath is to hand..

**Skin protection:** Protective clothing.

**Environmental:** Handle in accordance with good industrial hygiene and safety practices





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#### Section 9: Physical and chemical properties

##### 9.1. Information on basic physical and chemical properties

**State:** Liquid

**Colour:** Pale yellow

**Odour:** Characteristic odour

**Solubility in water:** Insoluble

**Viscosity:** Viscous

**Kinematic viscosity:** 2.5

**Viscosity test method:** rotothinner@20oC

**Flammability limits %:** lower: 0.8

**Vapour pressure:** heavier than air

**VOC g/l:** 397

**Flash point°C:** 23 - 60

**Relative density:** 0.97

##### 9.2. Other information

**Other information:** vapour heavier than air. Can form an explosive mixture with air

#### Section 10: Stability and reactivity

##### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

##### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions. Stable at room temperature.

##### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

##### 10.4. Conditions to avoid

**Conditions to avoid:** Heat. Hot surfaces. Sources of ignition. Flames.



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#### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidising agents. Strong acids.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

**Hazardous ingredients:**

##### ZINC OXIDE

IPR	RAT	LD50	240	mg/kg
ORL	MUS	LD50	7590	mg/kg

**Relevant hazards for product:**

Hazard	Route	Basis
Respiratory/skin sensitisation	DRM	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

#### Symptoms / routes of exposure

**Skin contact:** There may be mild irritation at the site of contact.

**Eye contact:** There may be irritation and redness.

**Ingestion:** There may be irritation of the throat. May be fatal if swallowed and enters airways

**Inhalation:** Exposure to organic solvent vapours in excess of stated occupational exposure limits may result in adverse health effects there may be symptoms of Headache, dizziness, fatigue etc There may be irritation of the throat.

**Delayed / immediate effects:** Exposure to organic solvent vapours in excess of the stated occupational exposure limit may result in adverse health effects Repeated or prolonged contact with the product may cause removal of natural oils and fats from the skin.

**Other information:** In all cases of doubt or where symptoms persist obtain medical attention Repeated or Prolonged contact with the product may lead to the removal of natural fats from the skin, resulting non allergic contact dermatitis and absorption through the skin.



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#### Section 12: Ecological information

##### 12.1. Toxicity

**Ecotoxicity values:** No data available.

##### 12.2. Persistence and degradability

**Persistence and degradability:** No data available.

##### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No data available.

##### 12.4. Mobility in soil

**Mobility:** No data available.

##### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

##### 12.6. Other adverse effects

**Other adverse effects:** No data available.

#### Section 13: Disposal considerations

##### 13.1. Waste treatment methods

**Disposal operations:** Transfer to a suitable container and arrange for collection by specialised disposal company.

**Recovery operations:** not determined

**Waste code number:** 08 01 11

**Disposal of packaging:** Drained and rigorously scraped out empty containers are controlled wastes and should be disposed of according with the regulations made under the Control of Pollution Act and Enviromental Protection Act

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.



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#### Section 14: Transport information

##### 14.1. UN number

UN number: UN1263

##### 14.2. UN proper shipping name

Shipping name: PAINT

##### 14.3. Transport hazard class(es)

Transport class: 3

##### 14.4. Packing group

Packing group: III

##### 14.5. Environmental hazards

Environmentally hazardous: Yes

Marine pollutant: Yes

##### 14.6. Special precautions for user

**Special precautions:** 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. ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT

**Tunnel code:** D/E

**Transport category:** 3

#### Section 15: Regulatory information

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

**Specific regulations:** This product is subject to classification under the VOC Product Regulations SI 2006 No 2773. The provisions of the Health and Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to this product. Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).



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Regulation (EC) NO 1272/2008 of the European parliament and Council on 18 December 2008 on Classification, labelling, packaging of substances and mixtures amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No 2677) with amendments Safety Data sheets for substances and Preparations. Classification and labelling of substances and Preparations dangerous for Supply. Dangerous substances and Explosive atmospheres Regulations ( DSEAR ) 2002 workplace Exposure Limits EH 40 .Chip for Everyone HSG (108) Environmental protection (Duty of Care) regulations and amendments.

#### 15.2. Chemical Safety Assessment

**Chemical safety assessment:** A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

#### Section 16: Other information

##### Other information

**Other information:** according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830 \*indicates text in the SDS which has changed since the last revision.

**Phrases used in s.2 and s.3:** EUH066: Repeated exposure may cause skin dryness or cracking.

H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

H361f: Suspected of damaging fertility.

H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.

H372: Causes damage to organs through prolonged or repeated exposure.

H373: May cause damage to organs through prolonged or repeated exposure.

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.

H412: Harmful to aquatic life with long lasting effects.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.