



Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product Identifier

Product Name: Polybond Anti Vandal Paint

Product Description: A non-drying, petroleum-based security coating designed for anti-climb and anti-intruder protection. Creates a permanently slippery and sticky surface that deters climbers, vandals and intruders.

1.2 Relevant Identified Uses and Uses Advised Against

Identified Uses: Non-drying anti-climb / anti-vandal / anti-intruder security coating for application to fences, walls, gates, drainpipes, lamp posts, CCTV poles, rooftops, window ledges and other surfaces. Industrial and professional use only.

Uses Advised Against: Not for domestic use or non-professional applications without guidance. Not recommended for surfaces below 2.1 m (7 ft) without appropriate warning signage (Occupiers' Liability Act considerations). Not for use near ponds, watercourses or aquatic environments without environmental risk assessment.

1.3 Details of the Supplier of the Safety Data Sheet

Supplier: Polybond Ltd.

Address: Unit 6, William Street, Northam, Southampton, Hampshire, SO14 5QH, United Kingdom

Telephone: +44 (0) 2380 988350

Fax: +44 (0) 2380 988355

Email: sales@polybond.co.uk

1.4 Emergency Telephone Number

Emergency Contact: +44 (0) 2380 988350 (Monday–Friday, 09:00–17:00 GMT/BST)

Out-of-Hours Emergency: UK National Poisons Information Service (NPIS): +44 (0) 344 892 0111 (24/7)

Section 2: Hazards Identification

2.1 Classification of the Substance or Mixture

Classification according to GB CLP (SI 2019/720 — retained EU law):

Hazard Classification: Not classified as hazardous under GB CLP at product level.

Human Health: Prolonged or repeated skin contact may cause dryness or mild irritation. Due to high viscosity the product is not expected to present an aspiration hazard under normal conditions of use. Not classified for acute toxicity, eye damage, carcinogenicity or specific target organ toxicity.

Physical and Chemical Hazards: Not classified as a flammable liquid or physical hazard at product level. High flash point petroleum-based formulation. Keep away from strong oxidising agents and open flames.

Environmental Hazards: Not classified as hazardous to the environment at product level. As an oil-based product, large releases may form a film on water surfaces and should be prevented from entering watercourses or sewers.

2.2 Label Elements

Signal Word: None required (not classified)

Contains: Petrolatum (Petroleum jelly); White mineral oil; Hydrocarbon base oils

Hazard Statements: None required at product level.

Precautionary Statements:

- P261 — Avoid breathing dust/fume/gas/mist/vapours/spray.
- P273 — Avoid release to the environment.
- P280 — Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 — IF ON SKIN: Wash with plenty of soap and water.
- P305+P351+P338 — IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P501 — Dispose of contents/container in accordance with local regulations.

2.3 Other Hazards



This product does not contain any PBT (Persistent, Bioaccumulative, Toxic) or vPvB (Very Persistent, Very Bioaccumulative) substances as defined under UK REACH (SI 2019/758). The product is intentionally non-drying and remains permanently soft and greasy; this is a functional property, not a hazard classification. Contact with skin or clothing will leave a visible, persistent greasy mark which is difficult to remove without solvent.

Section 3: Composition / Information on Ingredients

See table below. All concentrations are expressed as weight/weight %.

UK REACH registration numbers will be confirmed upon completion of GB registration under SI 2019/758. Transitional provisions apply.

All concentration values are expressed as weight/weight %. Certain base oils are UVCB (substances of Unknown or Variable composition, Complex reaction products or Biological materials) hydrocarbon streams identified by EC number only.

Hazardous Ingredient	CAS No.	EC No.	UK REACH Reg. No.	Conc. (% w/w)	Classification (GB CLP)
Petrolatum (Petroleum jelly)	8009-03-8	232-373-2	Notification pending (UK REACH transitional provisions apply)	30–60%	Not classified
White mineral oil (paraffinic)	8042-47-5	232-455-8	Notification pending (UK REACH transitional provisions apply)	20–40%	Not classified (highly refined)
Hydrocarbons, C14–C18, n-alkanes, isoalkanes, cyclics, <2% aromatics (UVCB)	Not assigned (UVCB substance)	927-632-8 (representative)	Notification pending (UK REACH transitional provisions apply)	5–15%	Asp. Tox. 1 — H304 (ingredient level; viscosity of mixture mitigates)
Carbon black (pigment)	1333-86-4	215-609-9	Notification pending (UK REACH transitional provisions apply)	5–12%	Not classified (bound in matrix)
Proprietary thickeners & additives	Mixture	—	—	<5%	Not classified

Section 4: First-Aid Measures

4.1 Description of First-Aid Measures

General: If medical attention is required, present this SDS to the physician. Remove all contaminated clothing. The person must rest and be kept under observation. Define a first aid plan of action prior to working with this product.

Inhalation:	Remove affected person to fresh air and keep at rest. If breathing is irregular or has stopped, administer artificial respiration. Seek medical attention if symptoms persist.
Skin Contact:	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser / white spirit followed by soap and water. Do not use aggressive solvents on skin for prolonged periods. Seek medical attention if irritation persists.
Eye Contact:	Immediately wash eyes with plenty of water, lifting the eyelids. Continue to rinse for at least 10–15 minutes. Seek medical attention if irritation persists.
Ingestion:	Do NOT induce vomiting. If swallowed, rinse mouth thoroughly. Seek medical advice immediately and show this SDS to the physician. Keep person warm and at rest. Seek medical attention if large quantities are ingested.

4.2 Most Important Symptoms and Effects (Acute and Delayed)

Inhalation:	Unlikely under normal use due to low volatility. High concentrations of mist may cause mild respiratory irritation.
Skin Contact:	Prolonged or repeated contact may cause skin dryness, mild irritation or dermatitis. Leaves a persistent greasy residue.
Eye Contact:	May cause mild temporary irritation, redness or discomfort.
Ingestion:	Low toxicity. May cause nausea or gastrointestinal discomfort. Aspiration risk is low due to high viscosity of the finished product.

4.3 Immediate Medical Attention

Treat symptomatically. Show this SDS to a physician. For out-of-hours emergencies contact NPIS: +44 (0) 344 892 0111 (24/7).

Section 5: Firefighting Measures

5.1 Suitable Extinguishing Media

Suitable: Carbon dioxide, dry chemical powder, foam or water fog. Do NOT use water as a jet.

Unsuitable Media: Water jets (may spread burning oil).



5.2 Special Hazards

In a fire or if heated, a pressure increase may burst containers. The product is combustible but has a high flash point. Vapour/gas from heated product is heavier than air and may spread along the ground.

Combustion Products: During fire, oxides of carbon (CO, CO₂) and possibly other hydrocarbon decomposition products are formed.

5.3 Advice for Firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire. Stay upwind. Evacuate personnel away from the fire area. Cool containers exposed to heat with water spray. If risk of water pollution occurs, notify the Environment Agency. Prevent run-off from entering drains or watercourses.

Section 6: Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use protective gloves, goggles and suitable protective clothing. Avoid contact with skin and eyes. Restrict access to authorised personnel. Ensure adequate ventilation. Stay upwind of spill if possible.

6.2 Environmental Precautions

Do not allow to enter surface water, drains or sewer system. Contain spillages with absorbent materials. Notify local authorities if significant release occurs.

6.3 Methods and Materials for Containment and Clean Up

Ventilate well. Absorb in vermiculite, dry sand, earth or proprietary oil absorbent and place in sealed containers. Clean residual grease with white spirit or suitable solvent then wash area with detergent and water. Dispose of in accordance with local legislation (see Section 13).

6.4 Reference to Other Sections

See Sections 8 and 13.

Section 7: Handling and Storage

7.1 Precautions for Safe Handling

Avoid creating mists or aerosols. Do not eat, drink or smoke when using. Wear suitable gloves and eye/face protection. Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Emergency eyewash stations and safety showers should be available. Apply only to surfaces above recommended height and with warning signage where required by local legislation.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Store in a dry, cool, well-ventilated area. Keep containers tightly closed. Reseal open packages. Keep away from oxidising substances, strong acids and ignition sources. Protect from extreme heat. Suitable packaging: original containers or equivalent oil-resistant sealed containers.

7.3 Specific End Use(s)

Non-drying anti-climb / anti-vandal security coating. See product technical datasheet and application guidance for recommended film thickness, surface preparation and warning sign requirements.

Section 8: Exposure Controls / Personal Protection

8.1 Control Parameters — Workplace Exposure Limits (WELs) per HSE EH40 (GB)

Substance	CAS No.	TWA (ppm)	TWA (mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Mineral oil mist (highly refined)	8042-47-5 / various	—	5 (inhalable)	—	10

WEL values from HSE EH40 (4th Edition, as amended). Petrolatum and carbon black (bound) have no assigned WEL for the finished product. DNELs/PNECs where listed are for individual ingredients at full concentration, not as present in the product.

8.2 Exposure Controls

Adequate ventilation should be provided such that WELs per HSE EH40 are not exceeded. Local Exhaust Ventilation is preferable to personal protective equipment when generating mists. Nitrile or neoprene gloves (minimum 0.4 mm thick), safety goggles or face



shield, protective overalls and chemical-resistant safety footwear. Provide eyewash station and safety shower.

8.3 Hygiene Measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Remove wet or contaminated clothing promptly and place in a closed container until disposal or decontamination. Warn cleaning personnel of the product's persistent greasy nature and hazardous properties if any residual solvent is present.

Section 9: Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Appearance:	Thick, greasy, non-drying viscous paste / gel
Colour:	Black or dark grey (standard); other colours available on request
Odour:	Mild characteristic petroleum / hydrocarbon
Flash Point:	Typically >150 °C (closed cup) — estimated; not classified as flammable at product level
Density:	Approx. 0.90–1.05 g/cm ³ @ 20 °C
Solubility in Water:	Immiscible / insoluble
VOC Content:	Low (product is essentially non-volatile under normal conditions)
Boiling Point:	No data available (high-boiling petroleum fractions)
Melting / Softening Point:	Product remains soft / non-drying by design; no set melting point
Vapour Pressure:	Negligible at ambient temperature
Viscosity:	Very high (paste consistency); designed to remain permanently soft
pH:	Not applicable (non-aqueous)

9.2 Other Information

Product is intentionally formulated to remain permanently non-drying and greasy. This functional property provides the anti-climb / anti-vandal effect. No additional data available.

Section 10: Stability and Reactivity

10.1 Reactivity:	None identified under normal storage and use conditions.
10.2 Chemical Stability:	Stable under normal recommended storage conditions. Remains permanently soft by design.
10.3 Possibility of Hazardous Reactions:	None known under normal conditions. Avoid contact with strong oxidising agents.
10.4 Conditions to Avoid:	Extreme heat, sparks, open flames and other ignition sources. Prolonged exposure to temperatures above 100 °C.
10.5 Incompatible Materials:	Strong oxidising agents, strong acids.
10.6 Hazardous Decomposition Products:	Does not decompose under normal conditions. When heated to decomposition, produces oxides of carbon and hydrocarbon fumes.

Section 11: Toxicological Information

11.1 Information on Toxicological Effects

Skin Contact:	Prolonged or repeated contact may cause skin dryness or mild irritation which may lead to dermatitis in sensitive individuals. Leaves persistent greasy residue.
Eye Contact:	May cause mild temporary eye irritation.
Inhalation:	Low volatility; unlikely to cause significant effects under normal use. Mist may cause mild respiratory tract irritation.
Ingestion:	Low acute oral toxicity. May cause nausea or mild gastrointestinal discomfort. Aspiration hazard is considered low due to high viscosity.

11.2 Other Hazards

Toxicological data below is for individual ingredients at full concentration and does not represent the toxicity of the mixture as a whole. The finished product is of low toxicity.

Substance	Oral LD50	Dermal LD50	Inhalation LC50
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Petrolatum / White mineral oil (highly refined)	>5000 mg/kg (Rat)	>2000 mg/kg (Rabbit)	No data / low volatility
Carbon black	>8000 mg/kg (Rat)	>3000 mg/kg	Not applicable (bound)

Section 12: Ecological Information

12.1 Toxicity:	Polybond Anti Vandal Paint is not classified as dangerous to the environment under GB CLP. Large releases of oil-based material may form a surface film on water and can be harmful to aquatic organisms by physical means. No PBT or vPvB substances present.
12.2 Persistence and Degradability:	Petroleum components are expected to be inherently biodegradable to a limited extent but may persist in the environment under anaerobic conditions. No specific data available for this product.
12.3 Bioaccumulative Potential:	No data available for this product. Highly refined mineral oils have low bioaccumulation potential.
12.4 Mobility in Soil:	Low mobility expected due to high viscosity and low water solubility. Product tends to remain where applied.
12.5 PBT and vPvB Assessment:	This product does not contain any PBT or vPvB substances.
12.6 Endocrine Disrupting Properties:	None known.
12.7 Other Adverse Effects:	None identified under normal use conditions. Prevent entry into watercourses.

Section 13: Disposal Considerations

13.1 Waste Treatment Methods

Waste product and contaminated packaging should be disposed of via licensed waste contractors. Absorb residual material in vermiculite, dry sand or proprietary absorbent and dispose of at a licensed waste collection point. Empty containers may retain product residues and should be handled accordingly.

Do not allow contents/container to enter drains, watercourses or soil. Disposal of waste into soil, drains, rivers or water bodies is prohibited. Follow local, regional and national waste regulations. EWC code guidance: 08 01 11* (waste paint and varnish containing organic solvents or other dangerous substances) or 13 02 05* (mineral-based non-chlorinated engine, gear and lubricating oils) depending on local classification of the waste stream.

Section 14: Transport Information

This product is not classified as Dangerous Goods and is not subject to transport regulations under ADR/RID (road/rail), IMDG (sea) or IATA (air) under normal conditions of carriage.

14.1 UN Number:	Not applicable (not regulated for transport)
14.2 UN Proper Shipping Name:	Not applicable (not regulated for transport)
14.3 Transport Hazard Class(es):	Not applicable (not regulated for transport) — ADR/RID, IMDG, IATA
14.4 Packing Group:	Not applicable (not regulated for transport)
14.5 Environmental Hazards:	Not classified as an environmentally hazardous substance for transport purposes.
14.6 Special Precautions for User:	None identified beyond standard handling precautions in Section 7. Protect containers from extreme heat during transport.
14.7 Transport in Bulk (Annex II MARPOL / IBC Code):	Not applicable.

Classification confirmed not subject to transport regulations (ADR/RID, IMDG, IATA) based on product-level GB CLP classification — see Section 2.

Section 15: Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation

UK REACH (SI 2019/758 — retained EU law); GB CLP (SI 2019/720 — retained EU law); COSHH Regulations 2002 (as amended); Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009, SI 2009/1348); Workplace Exposure Limits: HSE EH40 (4th Edition, as amended); Occupiers' Liability Act 1984; Highways Act 1980 (relevant to placement of anti-climb coatings and warning signs).

This Safety Data Sheet has been prepared in accordance with GB REACH Annex II requirements (SI 2019/758) as applicable post-Brexit.



15.2 Chemical Safety Assessment

Not conducted for this mixture. A workplace-specific risk assessment under COSHH is required prior to use.

Section 16: Other Information

16.1 Full Text of Hazard Statements

Code	Full Text
H304	May be fatal if swallowed and enters airways (ingredient-level only; mitigated by product viscosity).
EUH066	Repeated exposure may cause skin dryness or cracking (possible for prolonged contact).

16.2 Summary of Revisions (Rev 1.0 — 31 July 2026)

- Initial issue of Safety Data Sheet for Polybond Anti Vandal Paint prepared in full 16-section GB REACH Annex II format.
- All references aligned to UK REACH (SI 2019/758) and GB CLP (SI 2019/720 — retained EU law).
- Composition based on typical non-drying petroleum-based anti-climb / anti-vandal formulations (petrolatum, highly refined mineral oil, hydrocarbon base stocks, pigment).
- Product-level classification: Not classified as hazardous under GB CLP.
- Transport: Confirmed not regulated under ADR/RID, IMDG, IATA.
- Section 1.4: NPIS 24/7 out-of-hours emergency number included (+44 (0) 344 892 0111).
- Document formatted to current Polybond house style template (navy header/footer, full 16-section structure).
- Date of Issue: 31 July 2026; Revision Number: 1.0.

16.3 Abbreviations and Acronyms

ADR	European Agreement Concerning the International Carriage of Dangerous Goods by Road.
CAS	Chemical Abstracts Service.
DNEL	Derived No-Effect Level.
EC50	Effective Concentration, 50%.
EWC	European Waste Catalogue.
GHS	Globally Harmonized System of Classification and Labelling of Chemicals.
HSE EH40	HSE Guidance Note EH40 on Workplace Exposure Limits (as amended).
IATA	International Air Transport Association.
IMDG	International Maritime Dangerous Goods Code.
LC50	Lethal Concentration, 50%.
LD50	Lethal Dose, 50%.
PBT	Persistent, Bioaccumulative, Toxic.
PNEC	Predicted No-Effect Concentration.
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals.
RID	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL	Short-Term Exposure Limit.
STP	Standard Temperature and Pressure (25 °C, 1 atm).
TWA	Time-Weighted Average.
UK REACH	UK Registration, Evaluation, Authorisation and Restriction of Chemicals (SI 2019/758).
vPvB	Very Persistent and Very Bioaccumulative.
WEL	Workplace Exposure Limit.
UVCB	Unknown or Variable composition, Complex reaction products or Biological materials.

16.4 Disclaimer

This Safety Data Sheet is provided for the health and safety of users. Polybond Ltd. accepts no liability for errors or omissions. This document does not replace a workplace-specific risk assessment as required by the Health & Safety at Work Act, COSHH, Management of Health and Safety at Work Regulations or other applicable legislation. Prepared in accordance with UK REACH (SI 2019/758) and GB CLP (SI 2019/720) Regulations.

Revision date: 31 July 2026