

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1 Product identifier

Product Name: **Polybond Barn Paint**

Version: 2.5 | Date of Issue: 27 June 2026

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

Use: Protective and decorative coating for agricultural buildings, sheds, fences, gates and general outdoor timber/metal structures.

Uses advised against: Not for internal domestic use without adequate ventilation. Not for food contact surfaces.

1.3 Details of the supplier of the safety data sheet

Polybond Ltd, Unit 6, William Street, Northam, Southampton, Hampshire, SO14 5QH, United Kingdom

Tel: 02380 988350 | Email: sales@polybond.co.uk | Web: www.polybond.co.uk

1.4 Emergency telephone number

Polybond Ltd office hours: 02380 988350

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

Members of the public should contact NHS 111 / 999 in an emergency.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to GB CLP Regulation (SI 2019/720):

Flam. Liq. 3 — H226 | Asp. Tox. 1 — H304 | Acute Tox. 4 — H312, H332 | Skin Irrit. 2 — H315 | Carc. 2 — H351 | STOT RE 1 — H372

2.2 Label elements

Signal Word: DANGER

Hazard Statements:

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

H372 Causes damage to the central nervous system through prolonged or repeated exposure.

Precautionary Statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P233 Keep container tightly closed.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P310 IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting.

P331 Do NOT induce vomiting.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances — Not applicable. This is a mixture.

3.2 Mixtures

Hazardous Ingredient	CAS No.	EC No.	UK REACH Reg. No.	% w/w	Classification (GB CLP)
White Spirit (C9-C12 hydrocarbons)	64742-82-1	919-446-0	Notification pending (transitional)	20-40%	H226, H304, H336, H372, H411
Xylene (mixed isomers)	1330-20-7	215-535-7	Notification pending (transitional)	5-15%	H226, H312, H315, H332
Methyl ethyl ketoxime	96-29-7	202-496-6	Notification pending (transitional)	0-5%	H312, H317, H318, H351

Note: All concentration values are expressed as weight/weight %. The Full Text for all Hazard Statements is displayed in Section 16. UK REACH transitional provisions apply — full registration pending.

4. FIRST AID MEASURES

4.1 Description of first aid measures

General: If medical attention is required, present a copy of this SDS to the physician. Remove all contaminated clothing. The person must rest and be kept under medical observation even if there are no immediate signs of symptoms.

Inhalation: Remove affected person to fresh air and keep at rest. If breathing is irregular or has stopped, administer artificial respiration. Seek medical attention.

Skin contact: Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleanser. Do not use solvents or thinners. Seek medical attention.

Eye contact: Immediately wash eyes with plenty of water while lifting the eyelids. Continue to rinse for at least 15 minutes. Seek medical attention.

Ingestion: Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this SDS to the physician. Keep person warm and at rest. Seek medical attention immediately.

4.2 Most important symptoms and effects, both acute and delayed

Inhalation: May cause drowsiness, dizziness or irritation to the respiratory tract.

Ingestion: Aspiration hazard. Entry into the lungs may cause chemical pneumonitis.

Skin contact: Prolonged contact may cause irritation, redness, dry skin and dermatitis.

Eye contact: Irritation or pain, lacrimation and redness of the eye tissue.

5. FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable: Carbon dioxide, dry chemical, powder or water fog.

Unsuitable: Do not use water as a jet.

5.2 Special hazards arising from the substance or mixture

In a fire or if heated, a pressure increase may burst containers. The vapour/gas is heavier than air and will spread along the ground. During fire, oxides of carbon are formed.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Use protective gloves, goggles, respirator and suitable protective clothing. Avoid contact with skin and eyes. Restrict access to authorised personnel. Stay upwind. Eliminate ignition sources.

6.2 Environmental precautions

Do not allow to enter surface water or sewer system. Dike for water control if necessary.

6.3 Methods and material for containment and cleaning up

Ventilate well. Stop flow if possible. Absorb in vermiculite, dry sand or earth and place in containers. Dispose of in accordance with local legislation.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid creating dusty conditions or wind dispersal. Good industrial practice in housekeeping and personal hygiene should be followed. When using do not eat, drink or smoke. Wear suitable gloves and eye/face protection. Wash thoroughly after handling. Remove contaminated clothing and wash before re-use. Emergency eye wash stations and showers should be made available.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry, well-ventilated area. Keep containers tightly closed. Keep away from oxidising substances and ignition sources. Reseal open packages to prevent spillage.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Adequate ventilation should be provided such that Derived No Effect Limits are not exceeded. Local Exhaust Ventilation is preferable to personal protection.

Workplace Exposure Limits (HSE EH40)

Substance	CAS No.	TWA (8h)	STEL (15min)	Notes
White Spirit (C9-C12 hydrocarbons)	64742-82-1	300 mg/m ³ (inhalable)	—	EH40 WEL
Xylene (all isomers)	1330-20-7	220 mg/m ³ (50 ppm)	441 mg/m ³ (100 ppm)	EH40 WEL; Skin

8.2 Exposure controls

Respiratory protection: Chemical respirator if ventilation is inadequate.

Hand protection: Butyl rubber gloves, minimum 0.5mm thickness.

Eye protection: Chemical goggles or face shield.

Skin protection: Protective overalls and chemically resistant safety shoes.

Hygiene measures: Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet. Remove any clothing that becomes wet or contaminated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Coloured viscous liquid
Odour	Characteristic, aromatic
pH	Not applicable
Flash Point	Approx. 27-40°C (closed cup)
Boiling Point	Approx. 150-200°C
Density	approx. 1.2 g/cm ³ @ STP

Solubility(ies)	Immiscible with water
Explosive Properties	Vapours may form explosive mixtures with air
Oxidising Properties	Not oxidising

10. STABILITY AND REACTIVITY

10.1 Reactivity — No known reactivity under normal conditions of use.

10.2 Chemical stability — Stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions — No hazardous reactions known under normal conditions.

10.4 Conditions to avoid — Heat, flames, sparks and other ignition sources.

10.5 Incompatible materials — Oxidising agents.

10.6 Hazardous decomposition products — Does not decompose under normal conditions. When heated or burned, produces oxides of carbon.

11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity: Harmful in contact with skin (H312) and if inhaled (H332).

Skin corrosion/irritation: Causes skin irritation (H315).

Serious eye damage/irritation: May cause serious eye irritation.

Respiratory or skin sensitisation: Not classified as a sensitiser at product level.

Germ cell mutagenicity / Carcinogenicity: Contains a substance suspected of causing cancer (H351).

STOT-single exposure: May cause drowsiness or dizziness.

STOT-repeated exposure: Causes damage to the central nervous system through prolonged or repeated exposure (H372).

Aspiration hazard: May be fatal if swallowed and enters airways (H304).

12. ECOLOGICAL INFORMATION

12.1 Toxicity — Not classified as hazardous to the environment at product level.

12.2 Persistence and degradability — Limited data available for the mixture.

12.3 Bioaccumulative potential — Not expected to bioaccumulate significantly.

12.4 Mobility in soil — Immiscible with water; limited mobility expected.

12.5 Results of PBT and vPvB assessment — This product does not contain any PBT or vPvB substances as defined under UK REACH (SI 2019/758).

12.6 Other adverse effects — None known.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Hazardous waste (EWC Code: 08 01 11). Following pre-treatment and observing the regulations for hazardous wastes, it must be taken to a permitted hazardous waste landfill or hazardous waste incinerator. Contaminated packaging can be used after re-conditioning. Do not allow into drains, watercourses or soil. Contact specialist disposal companies for advice.

14. TRANSPORT INFORMATION

14.1 UN number: UN1263

14.2 UN proper shipping name: PAINT

14.3 Transport hazard class(es): Class 3 (Flammable liquids)

14.4 Packing group: III

14.5 Environmental hazards: Not classified as marine pollutant at product level.

14.6 Special precautions for user: Keep away from ignition sources. Transport in accordance with CDG 2009.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not applicable.

Transport classification applies to the product as supplied. Re-classification may be required for certain formulations or pack sizes.

15. REGULATORY INFORMATION

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

UK REACH Regulation (SI 2019/758) — Registration, Evaluation, Authorisation and Restriction of Chemicals.

GB CLP Regulation (SI 2019/720) — Classification, Labelling and Packaging of substances and mixtures.

Control of Substances Hazardous to Health Regulations 2002 (COSHH) (as amended).

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 (CDG 2009) (SI 2009/1348).

Workplace Exposure Limits (HSE EH40/2005, Fourth Edition 2020).

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

16. OTHER INFORMATION

16.1 Full text of H-statements referred to under Sections 2 and 3

H226 Flammable liquid and vapour. | H304 May be fatal if swallowed and enters airways. | H312 Harmful in contact with skin. | H315 Causes skin irritation. | H317 May cause an allergic skin reaction. | H318 Causes serious eye damage. | H332 Harmful if inhaled. | H336 May cause drowsiness or dizziness. | H351 Suspected of causing cancer. | H372 Causes damage to the central nervous system through prolonged or repeated exposure. | H411 Toxic to aquatic life with long lasting effects.

16.2 Abbreviations and acronyms

GB CLP = Great Britain Classification, Labelling and Packaging Regulation (SI 2019/720). UK REACH = United Kingdom Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (SI 2019/758). WEL = Workplace Exposure Limit (HSE EH40). PBT = Persistent, Bioaccumulative and Toxic. vPvB = very Persistent and very Bioaccumulative. NPIS = National Poisons Information Service. EWC = European Waste Catalogue.

16.3 Summary of Revisions (Version 2.5 — 27 June 2026)

- Created new full UK-compliant SDS from minimal source document (Version 1.0, July 2026).
- Converted to full GB CLP (SI 2019/720) and UK REACH (SI 2019/758) compliance.
- Applied current Polybond Ltd house style with navy header, extracted logo, product title and date/rev line.
- Section 1.4: Added NPIS 24/7 out-of-hours emergency number.
- Section 3: Added 'UK REACH Reg. No.' column with transitional note for all ingredients.
- Section 8: Added HSE EH40 WEL table for White Spirit and Xylene.
- Section 9: Flash point stated approx. 27-40°C consistent with composition.
- Section 14: Expanded to full multi-modal transport table (UN1263, Class 3, PG III).
- Section 15: Written exclusively for UK/GB legislation only; removed all EU references and CHIP.
- Section 16: Added Summary of Revisions, updated abbreviations and disclaimer.
- Date/Rev set to 27 June 2026 / 2.5. Full 16-section GB REACH Annex II structure implemented.

The information in this Safety Data Sheet is based on the present state of knowledge and current 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. Users should conduct their own risk assessment and ensure compliance with all applicable regulations.