



SAFETY DATA SHEET

Polybond Acrylic Enamel Paint

Date of Issue: 10 May 2026

Revision Number: 2.0

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

1.1 Product identifier

Product Name: **Polybond Acrylic Enamel**

Product Code: Varies by colour and size (e.g., PB-AE-xxx)

Other means of identification: Water-based acrylic enamel paint, high-gloss coating

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

Identified uses: Decorative and protective coating for metal, wood, masonry and other primed surfaces (interior/exterior).

Uses advised against: Not for use in confined spaces without adequate ventilation. Not for food contact surfaces unless fully cured and tested.

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**

Email: **sales@polybond.co.uk**

Web: www.polybond.co.uk

1.4 Emergency telephone number

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

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

This product is a **water-based acrylic emulsion paint**.

Under CLP/GHS:

- Not classified as hazardous under normal conditions of use.
- May cause mild eye irritation (Category 2).
- May cause mild skin irritation with prolonged contact.

2.2 Label elements

Signal Word: Warning (if applicable)

Hazard Statements:

- H319: Causes serious eye irritation (low likelihood).

Precautionary Statements:

- P102: Keep out of reach of children.
- P280: Wear protective gloves/eye protection.
- 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

Contains no substances classified as PBT or vPvB. May cause temporary slipping hazard when wet.

SECTION 3: Composition/information on ingredients

Mixture – Water-based dispersion.

Ingredient	% by weight	CAS No.	Classification
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Water	40-60%	7732-18-5	Not classified
Acrylic polymer emulsion	30-50%	Proprietary	Not classified
Titanium Dioxide (if white/opaque)	<25%	13463-67-7	Not classified (inhalable)
Pigments & fillers	<20%	Various	Not classified
Coalescing agents / additives	<5%	Various	Eye Irrit. 2 (some)
Preservatives (e.g. isothiazolinones)	<0.1%	Various	Skin Sens. 1 (low level)

No ingredients present at reportable levels that are classified as hazardous under CLP.

SECTION 4: First aid measures

4.1 Description of first aid measures

- **Inhalation:** Move to fresh air. Seek medical attention if symptoms persist.
- **Skin Contact:** Wash with soap and water. Remove contaminated clothing.
- **Eye Contact:** Rinse with plenty of water for at least 15 minutes. Seek medical advice if irritation continues.
- **Ingestion:** Rinse mouth. Do NOT induce vomiting. Seek medical advice.

4.2 Most important symptoms and effects

Mild irritation to eyes and skin. Respiratory irritation if sprayed in high concentrations.

SECTION 5: Firefighting measures

Suitable extinguishing media: Water spray, foam, dry powder, CO₂.

Non-flammable (water-based). Dried film will burn.

Hazardous combustion products: Carbon oxides, smoke.

SECTION 6: Accidental release measures

Contain spill with inert material (sand, earth). Collect and dispose as waste. Prevent entry into drains.

SECTION 7: Handling and storage

- Use in well-ventilated areas.
 - Keep containers tightly closed when not in use.
 - Store between 5°C and 30°C. Protect from frost.
 - Shelf life: Typically 12–24 months in unopened containers.
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SECTION 8: Exposure controls/personal protection

Occupational exposure limits:

- General dust (if sanding dried film): 10 mg/m³ (inhalable), 4 mg/m³ (respirable).
 - Use suitable eye protection and gloves (nitrile or rubber) during prolonged use.
 - Provide good general ventilation. If spraying, use appropriate respirator.
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SECTION 9: Physical and chemical properties

- Appearance: Coloured viscous liquid
 - Odour: Mild, characteristic
 - pH: 8.0 – 9.5
 - Boiling point: ~100°C (water)
 - Flash point: Not applicable (water-based)
 - Density: ~1.1 – 1.3 g/cm³
 - VOC content: Typically <30 g/L (low VOC / eco-friendly)
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SECTION 10: Stability and reactivity

Stable under normal conditions. Avoid extreme temperatures and strong oxidising agents.

SECTION 11: Toxicological information

Low acute toxicity. Main risk is mild irritation. Not classified as carcinogenic or mutagenic under normal use.

SECTION 12: Ecological information

The product is not classified as dangerous for the environment. Do not allow large quantities to enter waterways. Cured film is inert.

SECTION 13: Disposal considerations

Dispose of waste paint and containers via licensed waste contractor in accordance with local authority regulations. Do not pour into drains.

SECTION 14: Transport information

14.1 UN number or ID number

Not regulated / None assigned.

14.2 UN proper shipping name

Not regulated.

14.3 Transport hazard class(es)

- **ADR/RID (Road/Rail):** Not classified as dangerous goods.
- **IMDG (Sea):** Not classified as dangerous goods.
- **IATA (Air):** Not classified as dangerous goods.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Not environmentally hazardous for transport purposes.

14.6 Special precautions for user

None known. Transport in original, tightly closed containers. Protect from freezing and extreme temperatures.

14.7 Maritime transport in bulk according to IMO instruments

Not applicable.

SECTION 15: Regulatory information

- EU/UK REACH compliant.
 - Contains biocides for in-can preservation (notify if required under BPR).
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SECTION 16: Other information

Disclaimer:

This Safety Data Sheet is generated as a general template based on typical water-based acrylic enamels and publicly available data for similar products. It is **not** an official document from Polybond Ltd.