



SAFETY DATA SHEET

Polybond Tennis Court Paint

Date of Issue: 10 May 2025

Revision Number: 2.0

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

Product Name: Polybond Q19

Product Description: A two-part epoxy polyamide resin paint dispersed in water

Intended Use: Decorative waterproof finish for sports surfaces (e.g. tennis/squash courts), damp-proof membrane, hygienic wall/floor coating, pond paint, etc.

Supplier: As above

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture (EC 1272/2008)

- **Physical/Chemical hazards: None**
- **Human health: Eye Irrit. 2 – H319; Skin Irrit. 2 – H315**
- **Environment: None**

2.2 Label elements

Signal Word: Warning

Hazard Statements: H315 Causes skin irritation; H319 Causes serious eye irritation

Precautionary Statements: P280 Wear protective gloves/protective clothing/eye protection/face protection; P301 + P310 IF SWALLOWED: Immediately call a doctor/physician; P331 Do NOT induce vomiting

Contains: Linseed oil, polymer with bis. A, bis. A diglycidyl ether, diethylenetriamine, formaldehyde, glycidyl Ph ether and pentaethylenehexamine (plus <3% Isopropanol)

SECTION 3: Composition/information on ingredients

Hazardous ingredients (weight/weight %):

Hazardous Ingredient	EC/List No.	CAS No.	%	GHS Symbols (1272/2008)	Hazard Statements	Signal
Isopropanol	200-661-7	67-63-0	<3%	02, 07	H225, H319, H336	Danger
Linseed oil, polymer*	–	68915-81-1	<10 %	02	H315, H318	Danger

*Full text of all hazard statements is in Section 16.

Note: Although Isopropanol is listed as flammable, this is not evident at the low concentrations present in Q19. All concentrations are w/w %.

SECTION 4: First aid measures

General: If medical attention is required, show this SDS to the physician. Remove contaminated clothing and keep the person at rest under observation.

- **Inhalation:** Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. Seek medical attention if symptoms occur.
- **Skin Contact:** Flood skin with large quantities of water while removing contaminated clothing. Seek medical attention.
- **Eye Contact:** Immediately wash eyes with plenty of water for at least 15 minutes, lifting eyelids. Seek medical attention.
- **Ingestion:** Do NOT induce vomiting. Keep person warm and at rest. Seek medical attention immediately and show container/label.

Symptoms (acute and delayed):

- **Inhalation:** No known symptoms.
- **Ingestion:** Gastric/intestinal problems; large quantities may cause nausea, vomiting or kidney issues.
- **Skin:** Irritation, redness, dryness, cracking, dermatitis (prolonged/repeated contact).
- **Eye:** Irritation, pain, lacrimation, redness.

SECTION 5: Firefighting measures

Fire Hazards: Not flammable under normal conditions. Containers may burst if heated.

Extinguishing Media: Carbon dioxide, dry chemical powder, or water fog.

Combustion Products: Oxides of carbon and nitrogen.

Protective Equipment: Self-contained breathing apparatus and full protective clothing.

Special Precautions: Keep runoff out of sewers/watercourses. Dike if necessary. Evacuate and stay upwind.

SECTION 6: Accidental release measures

Personal Precautions: Wear protective clothing (see Section 8). Avoid skin/eye contact. Restrict access.

Environmental Precautions: Prevent entry into drains, surface water or sewers. Inform environmental authorities if pollution occurs.

Cleanup: Ventilate area. Absorb with vermiculite, dry sand or earth and place in suitable containers. Dispose per local regulations.

SECTION 7: Handling and storage

Handling: Avoid dust/inhalation. Do not eat, drink or smoke when using. Wear PPE (Section 8). Wash thoroughly after handling. Use only in well-ventilated areas.

Storage: Store in a cool, dry, ventilated area below 15°C. Keep containers tightly closed and away from oxidising agents. Shelf life (unopened): 15 months.

SECTION 8: Exposure controls/personal protection

Provide adequate ventilation (local exhaust preferred). DNEL/PNEC values are for individual hazardous components (not the product as supplied).

- **Gloves:** Butyl rubber (≥0.5 mm thick).
- **Eyes:** Goggles or face shield.
- **Skin:** Protective overalls and chemically resistant safety shoes.
- **Respiratory:** When spraying, use equipment to BS 2029.
- **Hygiene:** Wash hands before eating/smoking/toilet use. Remove contaminated clothing promptly. Emergency eyewash and shower must be available.

SECTION 9: Physical and chemical properties

- **Appearance:** Emulsion paint (various colours; clear/eggshell/gloss finishes available)
- **Odour:** Faint, sweet
- **Density:** Approx. 1.35 g/cm³ @ STP
- **Solubility:** Soluble/mixable with water
- **Boiling/Melting Point:** Not determined
- **Vapour Density:** As water
- **VOC:** No data available

SECTION 10: Stability and reactivity

Conditions to Avoid: None known under normal use.

Materials to Avoid: Strong oxidising agents, strong acids.

Hazardous Decomposition Products: Oxides of carbon and nitrogen (when burned).

The product is stable under normal storage/handling conditions and does not decompose.

SECTION 11: Toxicological information

Not classified as toxic overall.

- **Skin: Prolonged/repeated contact may cause irritation, dermatitis or cracking.**
- **Eyes: May cause irritation.**
- **Inhalation: Not harmful by inhalation at STP (no significant vapours).**
- **Ingestion: May cause nausea/vomiting; large quantities could lead to kidney failure.**

Toxicological data on ingredients (full concentration, not as supplied in product):

Isopropanol – Oral LD50 (rat): 5.84 g/kg; Dermal LD50 (rabbit): 16.4 ml/kg; Inhalation LC50 (rat): >10,000 ppm.

SECTION 12: Ecological information

Q19 is not considered dangerous to the environment or toxic to fish.

Ingredient data (Isopropanol – full concentration):

- **Fish (Pimephales promelas): 96h LC50 = 9,640 mg/l**
- **Daphnia magna: 24h LC50 >10,000 mg/l**
- **Algae (Scenedesmus quadricauda): 7d EC50 = 1,800 mg/l**
- **Microorganisms: 16h EC50 = 1,050 mg/l**

No data available on persistence/degradability, bioaccumulation, or soil mobility for the product as a whole. Not classified as PBT or vPvB.

SECTION 13: Disposal considerations

Hazardous waste. Dispose of via licensed specialist waste companies in accordance with local authority requirements. Absorb residues in vermiculite/dry sand and send to licensed hazardous waste site. Do not empty into drains.

SECTION 14: Transport information

Not regulated for transport (ADR/RID/IMDG/IATA).

SECTION 15: Regulatory information

- **UK: Control of Substances Hazardous to Health (COSHH) Regulations; EH40 Workplace Exposure Limits.**
- **EU: REACH (EC 1907/2006); CLP (EC 1272/2008).**

- **National: Carriage of Dangerous Goods Regulations.**

SECTION 16: Other information

Full text of hazard statements (from Sections 2 & 3):

H225 Highly flammable liquid and vapour

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

H336 May cause drowsiness or dizziness

Abbreviations: DNEL = Derived No-Effect Level; PNEC = Predicted No-Effect Concentration; PBT/vPvB = Persistent/Bioaccumulative/Toxic; etc. (full list available in manufacturer SDS).

Note: This SDS is compiled directly from the manufacturer's official Health & Safety Datasheet for Q19 (November 2019). It does not replace a site-specific risk assessment. Users must comply with COSHH and all applicable health & safety legislation. Always read the product User's Guide and technical data sheet before use. For the most current version, contact Polybond Ltd directly via polybond.co.uk.

Example label summary:

WARNING

Causes skin irritation. Causes serious eye irritation.

Wear protective gloves/eye protection. IF SWALLOWED: Immediately call a doctor. Do NOT induce vomiting.

Contains listed epoxy components and isopropanol.

For technical application details (coverage, drying, pot life, etc.) refer to the manufacturer's Technical Reference Datasheet for Q19. If you require an updated SDS, a specific colour variant, or further assistance, please contact Polybond Ltd.