

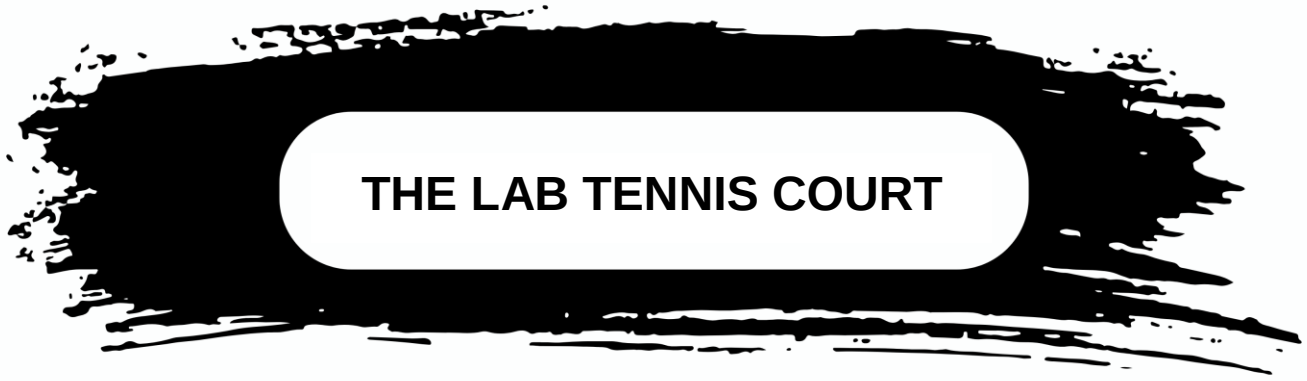


THE LAB®

Chemicals & Coatings

Technical and Material Safety Data Sheet

Version: 2026



THE LAB TENNIS COURT

THE LAB TENNIS COURT PAINT

Product Family: **Specialised Protective Systems** (Water-Based Sports Surface Coating)

Typical System Guidance

Typical tennis court coating system:

- 1 Clean and prepare court surface
- 2 Remove algae, dirt and contaminants
- 3 Repair damaged areas if necessary
- 4 Apply **THE LAB EPOXY PENETRATING PRIMER**
- 5 Apply first coat of **THE LAB TENNIS COURT PAINT**
- 6 Allow coating to dry
- 7 Apply second coat to achieve full coverage and colour consistency
- 8 For painted surfaces contact a Sales Representative.

Silica sand may be incorporated in the coating system where additional surface texture or slip resistance is required. Routine inspection and maintenance is recommended to maintain long-term coating performance.

Product Description

THE LAB TENNIS COURT PAINT is a water-based multiphase acrylic polymer coating specifically formulated for coating tennis court surfaces and other sports surfaces requiring a durable, slip-resistant finish. The coating produces a tough, flexible film that offers excellent adhesion to prepared substrates and provides a UV-stable coloured finish that resists fading and environmental degradation.

The product is designed to provide a long-lasting playing surface that maintains good traction and durability under regular use. When applied correctly, the coating produces a uniform low-sheen finish that minimizes dirt pickup while maintaining consistent colour and surface performance. **THE LAB TENNIS COURT PAINT** can be applied to concrete or asphalt courts and can be used with or without fine silica sand to achieve the required texture and slip resistance for professional sports surfaces.

Technical Data Summary

Product Type	Sports Coating
Finish	Low Sheen to Semi-Matt
Colour	Various selected colours
Density	+/- 1.21 kg/L
Volume Solids	+/- 33 %
Mass Solids	+/- 50 %
Recommended DFT	+/- 35 – 40 microns
Theoretical Coverage	+/- 4 – 6 m ² per litre
Viscosity	+/- 105-110 KU

Surface Temperature Limits	10 – 13 °C
Relative Humidity Limits	< 50°C
Application Method	Brush / Roller / Spray
Thinner	Water (up to 10% if required)
VOC Content	Low VOC typical of water-based acrylic coatings
Shelf Life	+/- 12 months when stored under correct conditions.

These values are typical laboratory results and serve as a guide only. Practical coverage will vary depending on surface profile, porosity and application method.

Intended Uses

THE LAB TENNIS COURT PAINT is designed for coating sports surfaces requiring a durable and slip-resistant finish.

Typical applications include:

- Tennis courts
- Sports courts and recreational surfaces
- Concrete sports surfaces
- Asphalt sports surfaces
- Multi-purpose outdoor sports facilities

The coating provides a durable coloured finish that improves surface grip while maintaining long-term resistance to UV exposure and weathering.

Principal Characteristics

- Water-based environmentally friendly coating
- UV stable colours resistant to fading
- Slip-resistant surface when used with silica sand
- Excellent adhesion to prepared substrates
- Durable coating suitable for sports surfaces
- Easy application by brush, roller or spray
- Resistant to efflorescence from concrete substrates
- Low dirt pickup characteristics

Surface Preparation

The performance of the coating depends on the quality of surface preparation. Surfaces must be clean, dry and free from grease, dust and loose material.

Remove algae or fungal growth using an appropriate cleaning solution and rinse thoroughly with clean water. Previously painted surfaces should be cleaned and any loose coatings removed.

Concrete surfaces should be cleaned and free from laitance and contaminants. Oil-contaminated surfaces should be cleaned using a suitable detergent solution.

Concrete may require acid etching to open the surface and improve coating adhesion. After etching, the surface must be thoroughly rinsed and allowed to dry before coating.

Highly porous concrete surfaces may require sealing with a suitable penetrating primer prior to coating.

Application Guidelines

THE LAB TENNIS COURT PAINT may be applied by brush, roller or airless spray equipment.

Apply a minimum of two coats to achieve uniform coverage and durability.

Prior to application, always follow these basic product checks:

- Inspect packaging and ensure containers are sealed, undamaged and within shelf-life
- Open product and visually inspect for abnormalities, contamination, skinning or separation
- Stir product thoroughly before and during use where required
- For multi-component products, ensure correct mixing ratios and induction periods are followed
- Confirm substrate condition, moisture levels and environmental conditions are suitable
- Conduct a small test patch to confirm adhesion, appearance and compatibility prior to full application

Do not apply coatings when:

- Ambient temperature is below 10°C
- Rain is imminent
- Surfaces are wet or contaminated

Ensure recommended spreading rates are maintained to achieve correct film thickness. Allow adequate drying time between coats.

Storage

Store in sealed containers in a cool, dry and well ventilated environment away from direct sunlight.

Recommended storage temperature is between **5°C and 35°C**.

Shelf life is typically **12 months** when stored in original unopened containers.

Technical Advisory, Specification Support and Disclaimer

The technical information, recommendations, specifications and system guidance contained in this document are provided in good faith and are based on laboratory testing, field experience and current product knowledge available at the date of publication. Such information is intended solely to assist specifiers, contractors, applicators and end users in selecting and applying suitable coating systems and does not relieve any party from independently assessing product suitability for the intended application and site conditions.

The performance of any coating system is materially dependent upon factors beyond the control of The Lab Chemicals & Coatings, including but not limited to correct substrate assessment, cleaning and decontamination procedures, surface preparation, substrate condition, moisture content, environmental conditions, product storage and handling, mixing procedures where applicable, film thickness achievement, adherence to specified system build requirements, application techniques and ongoing maintenance practices.

Failure to strictly follow the instructions, specifications, limitations and recommendations contained within this Technical Data Sheet, associated specifications, written recommendations or supplementary documentation may adversely affect product performance and may invalidate performance expectations, warranties or related claims.

Users are strongly advised to conduct suitability trials and test applications under actual site conditions prior to full-scale application.

To the best of our knowledge, the information contained herein is true and accurate at the date of issue and remains subject to change without prior notice. Users are advised to contact The Lab Chemicals & Coatings prior to specification or ordering to ensure that the correct product and system are selected for the intended application.

No guarantee, representation or warranty is given or implied regarding the completeness or suitability of information contained herein. Technical recommendations and advice do not constitute a performance guarantee unless expressly confirmed in writing by an authorised representative of The Lab Chemicals & Coatings.

The Lab Chemicals & Coatings accepts no responsibility or liability for product failure, defects, damage, consequential losses, injuries or unsatisfactory performance arising from incorrect substrate preparation, unsuitable application conditions, deviation from specified system requirements, misuse, unauthorised product modification, incorrect application methods or use outside documented recommendations. Liability, if any, shall be limited solely to replacement of proven defective product.

The above information must be read in conjunction with the General Terms and Conditions of The Lab Chemicals & Coatings (Pty) Ltd and The Lab George (Pty) Ltd, available at: www.thelabcc.co.za or upon request.

THE LAB[®]

Specialized Coatings & Paint Solutions

"Where quality meets purpose"

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Material Safety Data



SECTION 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION

CAS no. : N/A

EC no. : N/A

UN No. : 1263 SAPMA: 4-H-C

In emergency contact: The Lab Chemicals & Coatings @ 0845071767

SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

EC Classification: Not classified as hazardous

No significant quantity of classified hazardous substances present.

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

SECTION 3. HAZARDS IDENTIFICATION

SAPMA Health Rating: 4-MINIMAL - No great risk to health

Inhalation: Avoid exposure to vapours, fumes and mists.

Skin: No hazard expected if used in moderation.

Eyes: No direct hazard is expected but possible contact with any chemical must always be avoided.

Ingestion: Irritating and nauseating.

No carcinogenic, mutagenic or genetic effects established

May have short term environmental effects. Contain, monitor & remove.

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air.

Skin: Always wash after handling chemical substances.

Eyes: In case of any contact and discomfort rinse well with water and seek medical advice.

Ingestion: Wash mouth with plenty of water. Do NOT induce vomiting. Seek medical attention.

SECTION 5. FIRE FIGHTING MEASURES

Dried residues - combustible with toxic fumes.

No direct explosion hazard expected.

SECTION 6. ACCIDENTAL RELEASE MEASURES - SEE ALSO SECTIONS 5, 8, 13

Contain & collect. Keep out of drains and sewers

SECTION 7. HANDLING AND STORAGE

Store separately from any reactive substances - oxidisers in particular.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

SAPMA Rating: 4-H-C PPE: Eye protection

Inhalation: In case of insufficient ventilation, use suitable respiratory protection.

Skin: Use only as directed.

Eyes: Avoid direct contact. Never touch eyes with dirty hands or gloves.

Ingestion: Observe the rules for hygiene. Wash before eating, drinking or smoking.



SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical class: Non-hazardous material Description: Viscous liquid Smell: Pungent

FlashPoint (C): N/A

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions

Inert - no reaction with fire-fighting water

SECTION 11. TOXICOLOGICAL INFORMATION

No carcinogenic, mutagenic or genetic effects established

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove.

SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

SECTION 14. TRANSPORT INFORMATION

Not classified as dangerous for transport



SECTION 15. REGULATORY INFORMATION

EC no. : N/A

EC Classification: Not classified as hazardous

S2 - Keep out of reach of children. (Retail sales items)

SECTION 16. OTHER INFORMATION

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

This MSDS conforms to General Administrative Regulations of 6 Sept.1996 (ISO-11014/ANSIZ400.1.1996)

OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991) All information is given in good faith but without guarantee in respect of accuracy. No responsibility is accepted for errors or omissions or the consequences thereof.